MOTOROLA

MORE HERE >

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V300 GSM wireless phone.

This guide is a companion to the *Start Here* user's guide that is packaged with the Motorola V300 GSM wireless phone. Refer to the *Start Here* guide for general information about using the phone. This guide contains information about topics and features that are not covered in detail in the *Start Here* guide.

Note: This guide is not a replacement for the *Start Here* guide that you received with your wireless phone. You should retain your *Start Here* guide. The *Start Here* guide contains important safety, instructional, and general information on the use of your wireless phone that is not included in this guide. You are encouraged to review your *Start Here* guide whenever you have any questions concerning the use of your phone.

Motorola, Inc.
Consumer Advocacy Office
1307 East Algonquin Road
Schaumburg, IL 60196

1-800-331-6456 (United States)
1-888-390-6456 (TTY/TDD United States)
1-800-461-4575 (Canada)

www.motorola.com (United States)
www.motorola.ca (Canada)

MOTOROLA and the Stylized M Logo are registered in the US Patent & Trademark Office. Java and all other Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries. All other product or service names are the property of their respective owners.

© Motorola, Inc. 2003.

Software Copyright Notice

The Motorola products described in this manual may include copyrighted Motorola and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third-party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in the Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of the Motorola products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any license under the copyrights, patents, or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

Manual number: 6809473A80-O

Menu Map

Main Menu

- **Games & Apps**
- **Multimedia**
  - Themes
  - Camera
  - Pictures
  - Sounds
  - MotoMixer
- **Tools**
  - SIM Apps
  - Calculator
  - Datebook
  - Shortcuts
  - Voice Records
  - Alarm Clock
  - Dialing Services
    - Call Barring
    - Fixed Dial
    - Service Dial
    - Quick Dial
- **Settings**
  (see column at right)
- **AIM®**
- **Web Access**
  - Browser *
  - Web Shortcuts
  - Stored Pages
  - History
  - Go To URL
  - Web Sessions
  - Browser Setup
- **Phonebook**
- **Recent Calls**
  - Received Calls
  - Dialed Calls
  - Notepad
  - Call Times
  - Call Cost
  - Data Times
  - Data Volumes
- **Messages**
  - Create Message
  - Voicemail
  - Message Inbox
  - Browser Msgs
  - Info Services
  - Quick Notes
  - Outbox
  - Drafts

Settings Menu

- **Personalize**
  - Home Screen
  - Main Menu
  - Color Style
  - Greeting
  - Wallpaper
  - Screen Saver
  - Quick Dial
- **Ring Styles**
  - Style
  - *Style* Detail
  - My Tones
- **Connection**
  - Sync
- **Call Forward**
  - Voice Calls
  - Fax Calls
  - Data Calls
  - Cancel All
  - Forward Status
- **In-Call Setup**
  - In-Call Timer
  - Call Cost Setup
  - My Caller ID
  - Talk and Fax
  - Answer Options
  - Call Waiting
- **Initial Setup**
  - Time and Date
  - 1-Touch Dial
  - Backlight
  - TTY Setup
  - Scroll
  - Language
  - Battery Save
  - Contrast
  - DTMF
  - Master Reset
  - Master Clear
- **Phone Status**
  - My Tel. Numbers
  - Credit Info/Available
  - Active Line
  - Battery Meter
  - Other Information
- **Headset**
- **Car Settings**
- **Network**
- **Security**
  - Phone Lock
  - Lock Application
  - Fixed Dial
  - Call Barring
  - SIM Pin
  - New Passwords
- **Java Tools**
  - Java App Loader
  - Java System
  - Java Debug
  - Start TCK
  - Remove All Midlets

This is the standard main menu layout. **Menu organization and feature names may vary on your phone.** Not all features may be available for all users.

* Optional network/subscription dependent feature. Your service provider may use a different name and/or icon to identify the **Browser** feature.

Shortcuts
Change ringer alert: Open flip, press down volume key to decrease volume, then switch to vibrate alert, then silent alert. Press up volume key to reset ring alert and increase volume.
Display my phone number: Press MENU #.
Go to dialed calls list: Press SEND.
Exit menu system: Press END.

Contents

Menu Map 3
Messages 5
Setting Up the Message Inbox 5
Sending a Text Message 5
Sending a Quick Note Text Message 5
Sending a Picture Message 6
Using Picture Message Templates 7
Viewing the Status of Sent Messages 7
Tips For Sending Messages 7
Receiving a Message 7
Reading, Locking, or Deleting a Message 7
Storing an Object From a Picture Message 8
Reading Browser Messages 8
Reading Information Service Messages 8
Using AOL® Instant Messenger™ 10
Setting Up Your Phonebook 12
Creating a Phonebook Entry 12
Creating a Group Mailing List 13
Storing a PIN Code With a Phone Number 13
Recording a Voice Name For a Phonebook Entry . . . 13
Dialing a Phonebook Entry 14
Storing Longer Numbers 14
Editing a Phonebook Entry 14
Deleting a Phonebook Entry 14
Setting the Phonebook List View 14
Sorting the Phonebook List 14
Setting the Primary Number for a Phonebook Entry . 15
Using Phonebook Category Views 15
Copying Entries Between the Phone and SIM Card . 16
Checking Phonebook Capacity 16
Setting 1-Touch Dial Preference 17
Synchronizing Phonebook Entries 17
Personalizing Your Phone 18
Personalizing a Ring Style 18
Activating Ringer IDs 18
Setting Ringer or Keypad Volume 18
Setting Reminders 18
Setting a Personal Greeting 18
Setting Display Text 18
Selecting the Clock View 18
Showing or Hiding Menu Icons 19
Personalizing Soft Keys and Menu Icons 19
Setting the Menu View 19
Personalizing the Menu 19
Setting the Menu Language 19
Setting Menu Scroll Behavior 19
Resetting All Options 19
Clearing All Stored Information 19
Creating and Using Shortcuts 19
Getting More Out Of Your Phone 21
Making a Conference Call 21
Forwarding Calls 21
Barring Calls 21
TTY Operation 22
Using Fixed Dialing 22
Using Service Dialing 22
Using Quick Dialing 22
Using DTMF Tones 22
Monitoring Phone Use 23
Using Handsfree Features 25
Making Data and Fax Calls 26
Adjusting Network Settings 28
Monitoring Battery Charge 29
Viewing Phone Specifications 29
Personal Organizer 30
Datebook 30
Alarm Clock 31
Voice Records 32
Calculator 33
Security 35
Locking the SIM Card 35
Locking and Unlocking Applications 35
News and Entertainment 36
Micro-Browser 36
Phone Themes 37
Using Photos and Pictures 38
Games and Applications 38
Editing Sounds with MotoMixer 40
Creating Ring Tones 41
Camera 42
SIM Applications 42
Troubleshooting 43
Index 46

Messages

You can send and receive messages containing a variety of media objects, including text, photos, pictures, animations, sounds, and voice records.

Setting Up the Message Inbox

You must set up your message inbox **before** you can send and receive messages.

Note: Usually, your service provider has already set up the message inbox for you.

Find the Feature MENU > **Messages**
MENU > **Message Setup**

To set up the message inbox, you must configure the following settings. Actual field names and values may vary depending on the technologies available to your service provider. Some settings may not be available for all phone models.

Option	Description
Inbox View	Display sender or subject information with a picture message.
Cleanup	Specify the number of days you want to keep messages in the inbox, or number of messages you want to keep.
Alert	Activate or deactivate new message reminders and alerts during calls.
MMS Message Setup	Set up the following *Multimedia Messaging Service* (MMS) features:
• **Hide Fields**: Specify which fields are hidden when composing a picture message.	
• **Autosignature**: Create a signature you can append to outgoing picture messages.	
• **Filter**: Reject incoming picture messages from specific senders.	
• **Expire After**: Number of days your network should attempt to send undelivered picture messages.	
• **Reply Type**: Standard type of reply to send to a received picture message—(SMS) short text message, or picture message.	
• **Size Limit**: Maximum size of incoming picture message to be downloaded to your phone.	
• **Server Info**: Select the server you want to use (information may be viewable only).	

Sending a Text Message

You can send a *text message* to other wireless phone users, and to email addresses.

Find the Feature MENU > **Messages**
> **Create Message**
> **New Text Msg**

	Press	To
1	keypad keys	enter the text message
	or	
	BROWSE (⊙)	select and insert a quick note (see following section)
2	**OK** (⊙)	store the message
3	**CHANGE** (⊙)	select **To**
4	keypad keys	enter 1 or more phone numbers and/or email addresses
	or	
	BROWSE (⊙)	select numbers/addresses from the phonebook or recent calls lists
5	**OK** (⊙)	store the numbers/addresses
6	**DONE** (⊙)	finish the message
7	**YES** (⊙)	send the message
	or	
	NO (⊙)	cancel the message or save it in the drafts folder

Sending a Quick Note Text Message

Quick notes are prewritten text messages that you can send quickly (for example, **On my way**). You can also create new quick notes.

Find the Feature MENU > **Messages** > **Quick Notes**

	Press	To
1	⊙	scroll to the quick note
2	**READ** (⊙)	read the quick note
	or	
	MENU	open the **Quick Note Menu** to perform other procedures

The **Quick Note Menu** can include the following options:

Option	Description
New	Create a new quick note.
Edit	Edit the quick note.
Delete	Delete the quick note.
Send	Open a new message with the quick note in the **Msg** field.

Sending a Picture Message

An MMS *picture message* contains one or more slides with text and embedded media objects, synchronized in a single presentation. You can send the message to other wireless phone users, and to email addresses.

Tip: The layout of all slides is determined by the layout of the first slide to contain both text and a picture. Place the cursor in the first half of the slide text to insert a picture above the text. Place the cursor in the second half of the slide text to insert a picture below the text.

Find the Feature MENU > **Messages** > **Create Message** > **New Picture Msg**

	Press	To
1	keypad keys	enter slide text
2	MENU	open the **Picture Msg Menu**
3	◎	scroll to **Insert**
4	**SELECT** (⌐)	display a list of items you can insert
5	◎	scroll to **Picture**, **Voice Record**, or **Sound**
6	**SELECT** (⌐)	select the file type
7	◎	highlight the file you want
8	**INSERT** (⌐)	insert the file
9	MENU	open the **Picture Msg Menu**
10	◎	scroll to **Insert**
11	**SELECT** (⌐)	display a list of items you can insert
12	◎	scroll to **New Page**
13	**SELECT** (⌐)	insert a new slide after the current slide Repeat steps 1 to 8 to enter contents for the new slide.

To edit the picture message, press MENU to open the **Picture Msg Menu**. The **Picture Msg Menu** can include the following options:

Option	Description
Insert	Insert 1 of the following items: **Picture**, **Voice Record**, **Sound**, **Soundtrack**, **New Page**, **Quick Note**, **Picture Msg Template**.
Delete Audio	Delete the sound file attached to the current slide.
Delete Page	Delete the current slide.
Preview	Play the picture message.
Set Page Timing	Set the number of seconds each slide is displayed.
Next Page	Advance to next slide.
Previous Page	Go back to previous slide.
Entry Mode	Select the text entry method.
Entry Setup	Set primary and secondary text entry methods.

When you finish composing the picture message:

	Press	To
1	**OK** (⌐)	store the message
2	◎	scroll to **To**
3	**CHANGE** (⌐)	select **To**
4	keypad keys	enter 1 or more phone numbers and/or email addresses
	or	
	BROWSE (⌐)	select numbers/addresses from the phonebook or recent calls lists
5	**OK** (⌐)	store the numbers/addresses Repeat steps 3 to 5 to store numbers/addresses in the **Cc** and **Bcc** fields, if desired.
6	**CHANGE** (⌐)	select the **Subject** (Network/Subscription Dependent Feature)
7	keypad keys	enter the subject
8	**OK** (⌐)	store the subject
9	**CHANGE** (⌐)	select **Attachments**
10	◎	scroll to **Picture**, **Voice Record**, **Sound**, or **Phonebook Contact**
11	**SELECT** (⌐)	select the file type
12	◎	highlight the file you want
13	**SELECT** (⌐)	attach the file
14	**CHANGE** (⌐)	select **Priority**
15	◎	scroll to **Normal** or **Urgent**

	Press	To
16	**SELECT** (⊙)	set the priority
17	**DONE** (⊙)	finish the picture message and send it
	or	
	☰	send the picture message later, save it in the drafts folder, view message details, or cancel the message

Using Picture Message Templates

*Picture message template*s contain preloaded media content. You can select a picture message template and use it just as you would a picture message.

If a media object in a template cannot be edited, you will be unable to highlight the object.

Find the Feature ☰ > **Messages** > **Create Message** > **Picture Msg Templates**

Viewing the Status of Sent Messages

Messages that you send are stored in the outbox.

Find the Feature ☰ > **Messages** > **Outbox**

Messages in the outbox are sorted from newest to oldest. The following indicators show message status:

» = sending in progress ✉ = sent
✕ = sending failed

Tips For Sending Messages

- Press ☰ to select a text entry method when you enter message text.
- Message length is limited. When you enter message text and/or media objects, a display counter switches between the number of pages you have written (preceded by a *), and the number of characters left on the current page. Network charges are based on the number of pages sent.
- When you manually enter phone numbers and/or email addresses in the **To** field, you must insert a space between each entry. Press ⊙ to the right to insert a space between each phone number or email address.

Receiving a Message

When you receive a message, your phone displays the ✉ (message waiting) indicator and a **New Message** notification, and sounds an alert.

Press	To
READ (⊙)	open the message

If reminders are turned on, your phone sends a reminder at regular intervals until you close the new message notification, read the message, or turn off your phone.

When your phone displays **Memory is Full!**, you must delete some existing messages from your inbox, outbox, or drafts folder to receive new messages.

Picture messages that you receive can contain different media objects:

- Inserted photos, pictures, and animations are displayed as you read the message.
- An inserted sound file begins playing when you scroll to and highlight the sound file indicator in the message. Use the volume keys to adjust the volume as the sound plays.
- Attached files are appended to the message. To open the attachment, highlight the file indicator/filename and press **VIEW** (⊙) (image file type), **PLAY** (⊙) (sound file), or **OPEN** (⊙) (vObject or unknown file type).

Reading, Locking, or Deleting a Message

Messages in the message inbox are sorted from newest to oldest. The following indicators show message status:

✉ = unread
✉ = unread (with attachment)
✉ = read
✉ = read (with attachment)
✉ = read and locked
✉ = read and locked (with attachment)

The oldest messages are deleted automatically as specified by the inbox **Cleanup** setting. If you want to save a message, you should lock it to prevent it from being deleted during cleanup.

Find the Feature ☰ > **Messages** > **Message Inbox**

	Press	To
1	⊙	scroll to the message
2	**READ** (⊙)	open the message
	or	
	☰	open the **Message Menu** to perform other procedures

The **Message Menu** can include the following options:

Option	Description
Call Back	Call the number in the message header or embedded in the message.
Go To	Launch the micro-browser and go to a Web address (URL) embedded in the message.
Replay	Replay a picture message.
Reply	Open a new message, with the sender's number or email address in the **To** field.
Reply To All	Open a new message, with the sender's number/address in the **To** field, and all other recipients listed in the **Cc** field.
Forward	Open a copy of the message, with an empty **To** field.
Lock or **Unlock**	Lock or unlock the message.
Store	Display a list of storable items, including inserted and attached files, and the sender's number or email address.
Delete	Delete the message.
Delete All	Delete all inbox messages.
Create Message	Open a new message.
Setup	Open the message inbox setup menu.

Storing an Object From a Picture Message

Network / Subscription Dependent Feature

To store a media object contained in a picture message, go to the slide that contains the object and then:

	Press	To
1	MENU	open the **Message Menu**
2	⊙	scroll to **Store**
3	**SELECT** (⌐)	display a list of storable items
4	⊙	scroll to **File**
5	**SELECT** (⌐)	display the name of the object(s) in the current slide
6	⊙	highlight the object filename, if necessary
7	**STORE** (⌐)	view storage options
8	⊙	scroll to **Store Only**, **Apply as Wallpaper**, **Apply as Screen Saver**, **Apply as Ring Tone**, or **Apply as Power Up Animation** (only options appropriate to the file type are listed)
9	**SELECT** (⌐)	perform the storage option of your choice

Reading Browser Messages

Network / Subscription Dependent Feature

Your network's Web server can send you *browser messages* that you can read in your micro-browser.

When you receive a browser message, your phone displays the ✉ (message waiting) indicator and a **New Browser Message** notification, and sounds an alert.

Press	To
GO TO (⌐)	launch the micro-browser and view the message
or	
EXIT (⌐)	close the new message notification

To view your browser messages at any time:

Find the Feature MENU > **Messages** > **Browser Msgs**

	Press	To
1	⊙	scroll to a message
2	**SELECT** (⌐)	open the message

Reading Information Service Messages

Network / Subscription Dependent Feature

Information service messages are broadcast messages that you can receive, such as stock updates or news headlines.

Setting Up the Information Services Message Inbox

You must set up your information services message inbox **before** you can receive information services messages.

Note: Usually, your service provider has already set up the information services message inbox for you.

Find the Feature MENU > **Messages** MENU > **Info Srvc Setup**

	Press	To
1	**CHANGE** (⌐)	change the **Service** setting
2	⊙	scroll to **Yes** or **No** to turn cell broadcasts on or off **Note:** Your phone may provide an additional **Browser Services** option on this menu (see page 37).
3	**SELECT** (⌐)	select the service setting
4	**SELECT** (⌐)	select **Active Channels** to set the subscription channels
5	⊙	scroll to an active channel that you want to disable, or scroll to [**New Channel**] to add a new channel
6	**BACK** (⌐)	return to the cell broadcast menu when you are finished setting subscription channels
7	**CHANGE** (⌐)	change the **Quick View** channel
8	keypad keys	enter the quick view channel number
9	**OK** (⌐)	store the quick view channel number
10	**CHANGE** (⌐)	change the **Save Q.View** setting
11	⊙	scroll to **Yes** or **No** to set whether you want to save single-line quick view messages in the inbox
12	**SELECT** (⌐)	store the save setting
13	**CHANGE** (⌐)	change the **Languages** setting
14	⊙	scroll to **Lang2** through **Lang4** and set the languages in which you want to accept cell broadcasts **Note:** You cannot change the **Lang1** setting. **Lang1** is the default phone language set on the **Initial Setup** menu.
15	**DONE** (⌐)	return to the cell broadcast menu when you are finished setting broadcast languages
16	**CHANGE** (⌐)	change the **Cleanup** setting
17	⊙	scroll to the number of days you want to keep messages in the inbox, or the number of messages you want to keep
18	**DONE** (⌐)	save the information services message inbox settings

Receiving an Information Services Message

When you receive a lengthy information services message, your phone displays the ✉ (message waiting) indicator and a **New Message** notification, and sounds an alert.

Press	To
READ (⌐)	open the message)

If the new message is a short quick view message, it displays in your screen (see page 10).

If reminders are turned on, your phone sends a reminder at regular intervals until you close the new message notification, read the message, or turn off your phone.

When your phone displays **Memory is Full!**, you must delete some existing messages from your inbox, outbox, or drafts folder to receive new messages.

Reading, Locking, or Deleting an Information Services Message

Messages in the information services message inbox are sorted from newest to oldest. The following indicators show message status:

✉ = unread 🖂 = read

🔒 = read and locked

The oldest messages are deleted automatically as specified by the inbox **Cleanup** setting. If you want to save a message, you should lock it to prevent it from being deleted during cleanup.

Find the Feature ☰ > **Messages** > **Info Services**

	Press	To
1	⊙	scroll to the message
2	**READ** (⌐)	open the message
	or	
	☰	open the **Info Srvc Menu** to perform other procedures

The **Info Srvc Menu** can include the following options:

Option	Description
Call Back	Call the number in the message header or embedded in the message.
Go To	Launch the micro-browser and go to a Web address (URL) embedded in the message.
Forward	Open a copy of the message, with an empty **To** field.
Lock or **Unlock**	Lock or unlock the message.

Option	Description
Store Number or **Store Address**	Open a new phonebook entry with the message's embedded number or email address in the **No.** or **Email** field.
Delete	Delete the message.
Delete All	Delete all inbox messages.
Setup	Open the information services message inbox setup menu.

Read and Save a Quick View Message

Quick view messages are short information service messages that display in your screen. Your phone alerts you when you receive a new quick view message.

Action
Read the quick view message, then press ⌫ to delete it.

If the message is more than 2 lines, you can press **Save** (⊙) to save it in your information services inbox. To automatically save quick view messages, see page 8.

Note: Broadcast or browser services send quick view messages on quick view channels. To set up a quick view channel, see page 8.

Using AOL® Instant Messenger™

Network / Subscription Dependent Feature

AOL Instant Messenger (**AIM**®) lets you exchange short messages, in real time, with other users who are signed on to **AIM** from their phones or PCs.

Setting Up an AIM Screen Name

You need a screen name to sign on to **AIM**. To set up a screen name, see `http://www.aim.com`.

Tip: If you have a screen name from the following, you can use it with **AIM**: AOL, CompuServe2000, My News, AOL Hometown, or Personal Finance Channel on AOL.com.

Finding Other People Online

To find out who else is online, sign on and check your **Buddy List**®:

Find the Feature ☰ > **AIM** > **Sign On**

	Press	To
1	keypad keys	enter your **Screen Name**
2	**OK** (⊙)	submit your **Screen Name**
3	keypad keys	enter your **Password** (case-sensitive)
4	**OK** (⊙)	submit your **Password** **Tip:** To sign on automatically next time, scroll to **Settings** > **Auto Sign On** after you submit your password.
5	◎	scroll to **Buddy List**
6	**SELECT** (⊙)	view the **Buddy List**

Your **Buddy List** is sorted by online status:

- **Conversations** display first. These are online **AIM** users having active conversations with you. Press **VIEW** (⊙) to open your conversation with them.
- **Online Buddies** are signed on to **AIM**. An 🖹 (away) indicator shows if someone is away (see page 11). Press **SEND IM** (⊙) to send the person a message.
- **Offline Buddies** are signed off of **AIM**. A ⊘ (declined message) indicator shows that you have declined messages from a person (see page 11). An 🔔 (alert) indicator shows that you have set an alert for the person (see page 11). You can press **SEND IM** (⊙) to send a message, in case the person has signed on since you refreshed your list.

Note: To refresh your **Buddy List**, press ☰ > **Refresh List** while viewing the list.

Sending and Receiving Instant Messages

After you open your **Buddy List** to find people online, you can exchange messages.

	Press	To
1	◎	scroll to a name on your **Buddy List**
2	**SEND IM** (⊙)	start a conversation with the person
	or	
	VIEW (⊙)	open a conversation in progress Press **WRITE** (⊙) to enter new text.
3	keypad keys	enter message text
4	**SEND** (⊙)	send the message

Your phone displays the conversation history, where you can see the text you sent and the person's replies as they arrive. In the conversation display, you can:

Press	To
WRITE (⊙)	enter and send more text
BACK (⊙)	return to the **Buddy List**, where you can open more conversations **Note:** You can have up to 5 open conversations.

Press	To
	return to the home screen, without signing off of **AIM** or closing the conversation **Note:** Your phone displays **New IM** if you receive a message while on the home screen or in another application.
> **Get Buddy Info**	view the screen name and online status of the person in this conversation
> **Add Buddy**	add the screen name to your **Buddy List**
> **End Conversation**	end the conversation
> **Decline IMs**	block messages from the screen name for the current session

Note: If you sign off of **AIM**, you can still view the conversation text by pressing > **AIM** > **Offline Convs**. from the home screen. Turning off your phone erases the conversations.

Setting Up AOL Instant Messenger

Adding and Removing Buddies

Your **Buddy List** can contain 30 names.

To add a name, open your **Buddy List** or a conversation and press > **Add Buddy**. If you are not in a conversation, enter the new screen name and press **OK** (). **AIM** returns an error if it cannot verify the name on the server.

To remove a name from your **Buddy List**, highlight the name and press > **Remove Buddy**.

Tip: To send a message to someone not on your **Buddy List**, open the list and press > **Send IM To...**

Declining Buddies

To decline messages from someone on your **Buddy List**, highlight the name and press > **Decline IMs**. This setting remains active until you sign off of **AIM**.

Setting an Alert for Offline Buddies

To receive notification when someone signs on to **AIM**, highlight the name in your **Buddy List** and press > **Alert Me**.

Setting Your Away Message

If you are signed on to **AIM** but not responding to new messages, you can set the (away) indicator to display next to your name in everyone else's **Buddy List**. From the **AIM Online** menu, select **Away Message** > **On** or **Off**.

Note: The **AIM Online** menu displays when you sign on, and when you press **BACK** () from your **Buddy List**.

Setting Your AIM Alert

AIM plays an alert when new messages arrive, or when a person for whom you have set an alert signs on to **AIM**.

To turn off the **AIM** alert, select **Settings** > **Set Sounds** from the **AIM Online** menu.

Changing Your Password

To change the password for your sign-on name, select **Settings** > **Change Password** from the **AIM Online** menu.

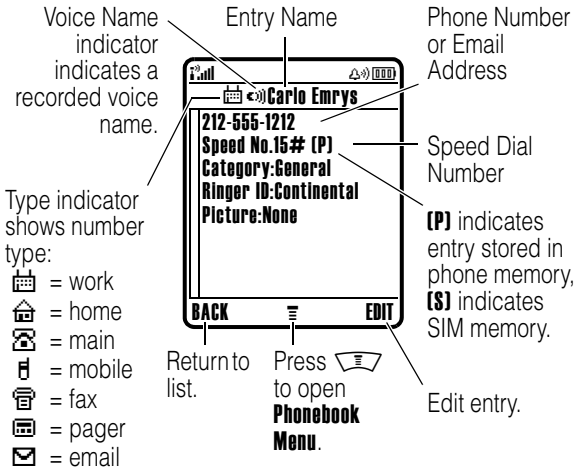
Signing Off of AIM

To sign off, select **Sign Off** from the **AIM Online** menu.

Setting Up Your Phonebook

You can store a list of names and phone numbers or email addresses in your phone's electronic phonebook.

To see the names in your phonebook, press > **Phonebook** from the home screen. Scroll to a name and press **VIEW** to view the following details for the phonebook entry.



Note: Entries stored on the SIM card do not have **Type**, **Voice Name**, or **Ringer ID** information.

Creating a Phonebook Entry

To store a phone number or email address in the phonebook:

Find the Feature > **Phonebook**
> **New** > **Phone Number** or **Email Address**

Shortcut: Enter a phone number in the home screen, then press **STORE** to create a phonebook entry with the number in the **No.** field.

You can store an entry on your phone or on the SIM card. A phone number or email address is required for a phonebook entry. All other information is optional. You can enter the following information for a phonebook entry.

Option	Description
Name	Specify the entry name. **Tip:** Press to select a text entry method.
Category	Set the category to which the entry belongs (**Business**, **Personal**, **General**, or **VIP**). You can set the phonebook to display all entries, or display only entries in a specified category (see page 15). **Note:** This option is not available for entries stored on the SIM card.
No. or **Email**	Specify the entry's phone number or email address (maximum 32 characters).
Type	Set the entry type. **Note:** This option is not available for email entries, or for entries stored on the SIM card.
Store To	Set the entry's physical storage location (**Phone** or **SIM**).
Voice Name	Record a voice name for the entry. **Note:** This option is not available for entries stored on the SIM card.
Speed No.	Change the default speed dial number for the entry, if desired.
Ringer ID	Set a distinctive ringer alert for the entry. Your phone sounds the ringer alert when you receive a call from this phone number. To activate ringer IDs, see page 18. **Note:** This option is not available for entries stored on the SIM card.
Picture	Assign a picture caller ID photo or picture to the entry. Your phone displays the picture when you receive a call from this phone number. **Note:** This option is not available for entries stored on the SIM card.
MORE	Create another entry under the same **Name**. You must use a different **Type** identifier for each number.

When you are finished entering information, press **DONE** (⊙) to store the entry.

Creating a Group Mailing List

You can create a group mailing list consisting of multiple phone numbers and email addresses previously stored in the phonebook. Mailing lists make it easy for you to send a text message to multiple recipients simultaneously.

Find the Feature ☰ > **Phonebook**
☰ > **New** > **Mailing List**

A name is required for a mailing list entry. The mailing list must contain at least 1 member. You can enter the following information for a mailing list entry.

Option	Description
Name	Specify the mailing list name. **Tip:** Press ☰ to select a text entry method.
Members	Open the list of phonebook entries that you can add or remove from the mailing list.
Voice Name	Record a voice name for the mailing list.
Speed No.	Change the default speed dial number for the mailing list, if desired.

When you are finished entering information, press **DONE** (⊙) to store the mailing list as a phonebook entry.

Storing a PIN Code With a Phone Number

You can store a PIN code with the phone number for calls that require additional digits (for example, to make a calling card call, or to retrieve voicemail or answering machine messages). Insert 1 or more of the following characters in the dialing sequence to ensure that the number dials and connects properly:

Press	To
☰ > **Insert Pause**	insert a **p** (pause) character Your phone dials the preceding digits, waits for the call to connect, then dials the remaining digit(s).
☰ > **Insert Wait**	insert a **w** (wait) character Your phone dials the preceding digits, waits for the call to connect, then prompts you for confirmation before it dials the remaining digit(s).
☰ > **Insert 'n'**	insert an **n** (number) character Your phone prompts you for a number before dialing the call. The number you enter is inserted into the dialing sequence in place of the **n** character.

Notes:

- You can store a maximum of 32 digits for a phonebook entry stored on the phone. The maximum number may vary for entries stored on the SIM card. Each character counts as 1 digit.
- You cannot store a number that contains a **w** or **n** character on the SIM card.

Recording a Voice Name For a Phonebook Entry

You can record a voice name for a new or existing phonebook entry. A voice name lets you call the phonebook entry using voice dial.

Note: You cannot record a voice name for an entry stored on the SIM card.

Tip: Make your recording in a quiet location. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone.

Find the Feature ☰ > **Phonebook**

	Action
1	Press ⊛ to scroll to the entry.
2	Press **VIEW** (⊙) to view entry details.
3	Press **EDIT** (⊙) to edit the entry.
4	Press ⊛ to scroll to **Voice Name**.
5	Press **RECORD** (⊙) to begin recording.
6	Press and release the voice key and say the entry's name (within 2 seconds) to record the voice name.
7	When prompted, press and release the voice key and repeat the name.
8	Press **DONE** (⊙) to store the voice name.

Dialing a Phonebook Entry

Use 1 of the following procedures to call a number (or send a text message to an email address or mailing list) stored in your phonebook.

Phonebook List

Find the Feature > **Phonebook**

	Press	To
1	keypad key letter	jump to entries that begin with that letter (optional)
2		scroll to the entry
3		make the call

Voice Dial

Press and release the voice key and say the entry's voice name (within 2 seconds).

Storing Longer Numbers

A phonebook number can contain a maximum of 32 digits and characters. You can create multiple phonebook entries to store a dialing sequence that exceeds the 32-character limit. Then you can send the entries in sequence to dial the number.

To store a dialing sequence longer than 32 characters:

	Action
1	Create a phonebook entry to store the first part of the dialing sequence (for example, the number for your long-distance service provider).
2	Create a second phonebook entry to store the next part of the dialing sequence (for example, the country code and phone number for an international call).
3	Repeat step 2 as necessary to store the entire dialing sequence. (For example, create a third phonebook entry to store your calling card number and PIN number.)

To dial a dialing sequence stored as multiple phonebook entries:

	Action
1	Dial the first phonebook entry. Perform any pause or wait tasks, if necessary, to complete the dialing sequence. Your phone returns to the home screen.
2	Press > **Phonebook** to reopen the phonebook.
3	Highlight the second phonebook entry, then press > **Send Tones** to send the next portion of the dialing sequence.
4	Repeat steps 2 and 3 as necessary to send the entire dialing sequence.

Editing a Phonebook Entry

Find the Feature > **Phonebook**

	Press	To
1		scroll to the entry **Tip:** Press to open the **Phonebook Menu** to perform various procedures on the entry.
2	**VIEW**	view entry details
3	**EDIT**	edit the entry

Deleting a Phonebook Entry

Find the Feature > **Phonebook**

	Press	To
1		scroll to the entry
2		open the **Phonebook Menu**
3		scroll to **Delete**
4	**SELECT**	select **Delete**
5	**YES**	confirm the deletion

Setting the Phonebook List View

You can view phonebook list entries as a single line of text, or view each entry by its name, number, and picture caller ID photo.

Find the Feature > **Phonebook**

	Press	To
1		open the **Phonebook Menu**
2		scroll to **Setup**
3	**SELECT**	select **Setup**
4		scroll to **View by**
5	**CHANGE**	select **View by**
6		scroll to **List** or **Picture**
7	**SELECT**	select the list view

Sorting the Phonebook List

You can sort your phonebook list by name (the standard), speed dial number, voice name, or email address.

Note: The voice name sort is identical to the name sort, except that the entries with voice name tags display first.

Find the Feature > **Phonebook**

	Press	To
1		open the **Phonebook Menu**
2		scroll to **Setup**
3	**SELECT**	select **Setup**
4		scroll to **Sort by**

	Press	To
5	**CHANGE** (⌐)	select **Sort by**
6	⊙	scroll to **Name**, **Speed No.**, **Voice Name**, or **Email**
7	**SELECT** (⌐)	select the sort order

If you select **Speed No.**, **Voice Name**, or **Email**, the procedure is complete.

If you select **Name**, you must specify whether you want to view all numbers or just the primary number for each name:

	Press	To
8	**CHANGE** (⌐)	change view preference
9	⊙	scroll to **Primary Contacts** or **All Contacts**
10	**SELECT** (⌐)	select the view preference
11	**DONE** (⌐)	set the view preference

To set an entry's primary phone number, see the following procedure.

Tip: When the phonebook list displays primary numbers only, you can scroll to a name and press ⊙ left or right to view other numbers associated with the name.

Setting the Primary Number for a Phonebook Entry

When you enter multiple phone numbers for the same name, you can specify the primary number.

Find the Feature ☰ > **Phonebook**

	Press	To
1	⊙	scroll to the entry
2	☰	open the **Phonebook Menu**
3	⊙	scroll to **Set Primary**
4	**SELECT** (⌐)	select **Set Primary**
5	⊙	scroll to the number you want to set as the primary number
6	**SELECT** (⌐)	set the primary number

Depending on how the phonebook list is sorted, the primary number is listed first, or is the only number that displays for a phonebook entry.

Using Phonebook Category Views

Setting the Phonebook Category View

You can view all entries in the phonebook list, or view only the entries in the category you specify.

Find the Feature ☰ > **Phonebook**
☰ > **Categories**

	Press	To
1	⊙	scroll to **All**, **Business**, **Personal**, **General**, **VIPs**, or another category that you created
2	**SELECT** (⌐)	select the category view
3	**DONE** (⌐)	set the category view

Note: The phonebook category view is reset to **All** each time you turn the phone on.

Creating a New Category

Your phone includes several predefined phonebook categories. You can create additional categories, and customize the way your phone notifies you of incoming calls from entries in different categories.

Find the Feature ☰ > **Phonebook**
☰ > **Categories**
☰ > **New**

A name is required for the category. All other information is optional. You can enter the following information for a category.

Option	Description
Name	Enter the category name. **Tip:** Press ☰ to select a text entry method
Members	Open the list of phonebook entries that you can add or remove from the category.
Ringer ID	Set a distinctive ringer alert for the category. Your phone uses the alert to notify you when you receive a call from an entry in this category. To activate ringer IDs, see page 18. **Note:** A ringer ID for an individual entry overrides the category alert.

Editing a Category

Find the Feature ☰ > **Phonebook**
☰ > **Categories**

	Press	To
1	⊙	scroll to the category
2	☰	open the **Categories** menu
3	⊙	scroll to **Edit**
4	**SELECT** (⌐)	edit the category

Edit the category information as described in the previous section.

Notes:

- You cannot edit the **All** category.
- You cannot edit the name of the **General** category.

Deleting a Category

Find the Feature MENU > **Phonebook**
MENU > **Categories**

	Press	To
1	⊙	scroll to the category
2	MENU	open the **Category Details** menu
3	⊙	scroll to **Delete**
4	**SELECT** (⌐)	delete the category
5	**YES** (⌐)	confirm the deletion

Notes:

- You cannot delete the **All** or **General** categories.
- When you delete a category, all entries in the category revert to **General**.

Reordering Categories

You can reorder the items in the category list.

Find the Feature MENU > **Phonebook**
MENU > **Categories**
MENU > **Reorder List**

	Press	To
1	⊙	scroll to a category
2	**GRAB** (⌐)	grab the category
3	⊙	move the category to a new location in the list
4	**INSERT** (⌐)	insert the category
5	**DONE** (⌐)	store the reordered category list

Note: You cannot move the **All** category. **All** always remains the first entry in the category view list.

Copying Entries Between the Phone and SIM Card

Note: These procedures do **not** delete the original entries.

Copying a Single Entry

Find the Feature MENU > **Phonebook**

	Press	To
1	⊙	scroll to the entry
2	MENU	open the **Phonebook Menu**
3	⊙	scroll to **Copy Entry**
4	**SELECT** (⌐)	select **Copy Entry** The phone displays the next available speed dial number.
5	keypad keys	edit the speed dial number
6	**OK** (⌐)	copy the entry to the new speed dial location

Copying Multiple Entries

Find the Feature MENU > **Phonebook**

	Press	To
1	MENU	open the **Phonebook Menu**
2	⊙	scroll to **Copy Entries**
3	**SELECT** (⌐)	select **Copy Entries**
4	⊙	scroll to **From (start)**
5	**CHANGE** (⌐)	select **From (start)**
6	keypad keys	enter the start speed dial number (the low number) in the range of entries you want to copy
7	**OK** (⌐)	store the number
8	⊙	scroll to **From (end)**
9	**CHANGE** (⌐)	select **From (end)**
10	keypad keys	enter the end speed dial number (the high number) in the range of entries you want to copy
11	**OK** (⌐)	store the number
12	⊙	scroll to **To (start)**
13	**CHANGE** (⌐)	select **To (start)**
14	keypad keys	enter the start speed dial number for the entries' new location
15	**OK** (⌐)	store the number
16	**DONE** (⌐)	copy the entries

Checking Phonebook Capacity

You can see how much memory space remains for storing phonebook and datebook entries on the phone, and how many more phonebook entries you can store on the SIM card.

Find the Feature MENU > **Phonebook**

	Press	To
1	MENU	open the **Phonebook Menu**
2	⊙	scroll to **Phone Capacity** or **SIM Capacity**
3	**SELECT** (⌐)	select **Phone Capacity** or **SIM Capacity** Your phone displays the phone memory meter, or the number of SIM card phonebook entries available.

Setting 1-Touch Dial Preference

You can set 1-touch dial to call the entries in your phone memory phonebook or the SIM card phonebook.

Find the Feature > **Settings** > **Initial Setup** > **1-Touch Dial**

	Press	To
1		scroll to the list you want
2	**SELECT**	select the list

Synchronizing Phonebook Entries

You can synchronize phonebook entries between your phone and computer or hand-held device with BVRP Mobile PhoneTools software, an accessory for Motorola phones. See the Mobile PhoneTools user's guide for more information.

Note: Mobile PhoneTools software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products.

Personalizing Your Phone

Personalizing a Ring Style

You can change the alerts that notify you of the following events: incoming calls, text messages, voicemail messages, data calls, fax calls, alarms, and reminders. Any changes you make are applied to the current ring style.

Find the Feature MENU > **Settings** > **Ring Styles** > *Style* **Detail**

Note: *Style* represents the current ring style.

	Press	To
1	⊙	scroll to the event
2	**CHANGE** (⌐)	select the event
3	⊙	scroll to the alert you want
4	**SELECT** (⌐)	select the alert

Activating Ringer IDs

When ringer IDs are turned on, your phone uses distinctive ring tones to notify you of incoming calls or messages from specific entries in your phonebook.

Note: To assign a ringer ID to a new or existing phonebook entry, see page 12.

Find the Feature MENU > **Settings** > **Ring Styles** > *Style* **Detail** > **Ringer IDs**

Note: *Style* represents the current ring style.

	Press	To
1	⊙	scroll to **On** or **Off**
2	**SELECT** (⌐)	select the option

You can also set your phone to play a distinctive light ID for specific entries in your phonebook. For more information, see page 15.

Setting Ringer or Keypad Volume

Find the Feature MENU > **Settings** > **Ring Styles** > *Style* **Detail**

Note: *Style* represents the current ring style.

	Press	To
1	⊙	scroll to **Ring Volume** or **Key Volume**
2	⊙ left or right	scroll to the desired volume

Setting Reminders

A reminder is an alert that rings or vibrates at regular intervals to notify you about a message that you have received.

Find the Feature MENU > **Settings** > **Ring Styles** > *Style* **Detail** > **Reminders**

Note: *Style* represents the current ring style.

	Press	To
1	⊙	scroll to **Beep** or **Vibrate** to set the reminder alert type, or **Off** to turn off all reminders
2	**SELECT** (⌐)	select the reminder alert

Setting a Personal Greeting

Network / Subscription Dependent Feature

To set a personal greeting that displays when you turn on your phone:

Find the Feature MENU > **Settings** > **Personalize** > **Greeting**

Setting Display Text

Text that is displayed in the home screen can be left justified or centered.

Find the Feature MENU > **Settings** > **Personalize** > **Home Screen** > **Layout**

	Press	To
1	⊙	scroll to **Left Justified** or **Centered**
2	**SELECT** (⌐)	select the text layout

Selecting the Clock View

You can display an analog clock or a digital time readout in the home screen.

Find the Feature MENU > **Settings** > **Personalize** > **Home Screen** > **Clock**

	Press	To
1	⊙	scroll to **Analog** or **Digital**
2	**SELECT** (⌐)	select the clock view

Showing or Hiding Menu Icons

You can show or hide the menu feature icons that display in the home screen. When you select **Hide**, the menu icons are hidden but remain active in the home screen, and you can press ⊙ to select them as usual.

Find the Feature MENU > **Settings** > **Personalize** > **Home Screen** > **Home Keys** > **Icons**

	Press	To
1	⊙	scroll to **Show** or **Hide**
2	**SELECT** (⌐)	select the option

Personalizing Soft Keys and Menu Icons

You can change the menu feature icons and soft key labels (left ⌐ and right ¬) that display in the home screen, to access different main menu items from the home screen.

Find the Feature MENU > **Settings** > **Personalize** > **Home Screen** > **Home Keys**

	Press	To
1	⊙	scroll to **Up**, **Down**, **Left**, **Right**, **Left Soft Key**, or **Right Soft Key**
2	**CHANGE** (⌐)	select the icon or soft key
3	⊙	scroll to a menu feature
4	**SELECT** (⌐)	confirm the menu feature

Setting the Menu View

You can set your phone to display the main menu as graphic icons (the default setting) or as a text-based list.

Find the Feature MENU > **Settings** > **Personalize** > **Main Menu** > **View**

	Press	To
1	⊙	scroll to **Icons** or **List**
2	**SELECT** (⌐)	select the menu view

Personalizing the Menu

You can reorder the items in your phone's main menu.

Find the Feature MENU > **Settings** > **Personalize** > **Main Menu** > **Reorder**

	Press	To
1	⊙	scroll to a menu item
2	**GRAB** (⌐)	grab the menu item
3	⊙	move the item to a new location in the menu
4	**INSERT** (⌐)	insert the menu item

Setting the Menu Language

Set the language in which menu features and options are displayed.

Find the Feature MENU > **Settings** > **Initial Setup** > **Language**

Setting Menu Scroll Behavior

Set the highlight bar to stop or wrap around when you reach the top or bottom of a menu list.

Find the Feature MENU > **Settings** > **Initial Setup** > **Scroll**

Resetting All Options

Reset all options back to their original factory settings, **except** for the unlock code, security code, and lifetime timer.

Find the Feature MENU > **Settings** > **Initial Setup** > **Master Reset**

Clearing All Stored Information

Reset all options back to their original factory settings, **except** for the unlock code, security code, and lifetime timer, erase all downloaded pictures, animations and sound files, and clear all user settings and entries, **except** for information stored on the SIM card.

Caution: Master clear **erases all user-downloaded content and user-entered information** stored in your phone's memory, including phonebook and datebook entries. After you erase the information, you cannot recover it. Master clear does **not** delete any information stored on the SIM card.

Find the Feature MENU > **Settings** > **Initial Setup** > **Master Clear**

Creating and Using Shortcuts

Your phone includes several standard shortcuts. You can create additional custom shortcuts to frequently used menu items.

Standard Shortcuts

The following shortcuts are preprogrammed on your phone. You cannot edit or delete these shortcuts.

Task	Shortcut
Change your phone's ringer alert setting.	Open the flip, then press the down volume key (at lowest volume setting) to switch to vibrate call alert. Press again to switch to silent call alert. Press the up volume key to cycle back to vibrate alert, then ring alert.
Display your phone number.	From the home screen, press MENU #.
Go to the dialed calls list.	From the home screen, press SEND.
Exit the menu system.	Press END.

Creating a Shortcut

You can create a keypad shortcut **and** an optional voice shortcut to a menu item. A voice shortcut takes you directly to the menu item when you say the shortcut name.

Tip: Make your recording in a quiet location. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone.

	Action
1	Press MENU to enter the menu system.
2	Press ⊙ to scroll to the menu item.
3	Press and hold MENU to open the shortcut editor.
4	Press **YES** (·) to view shortcut options.
5	Press **CHANGE** (·) to change the keypad shortcut number **or** Press **DONE** (·) to select the default number **or** Press ⊙ to scroll to **Voice** to assign a voice shortcut.
6	Press **RECORD** (·) to begin recording.
7	Press and release the voice key and say the shortcut's name (within 2 seconds) to record the shortcut name.
8	When prompted, press and release the voice key and repeat the name.
9	Press **DONE** (·) to store the shortcut name.

Using a Keypad Shortcut

	Press	To
1	MENU	open the main menu
2	a number key	go to the menu item with that shortcut number

Selecting a Shortcut From the List

Find the Feature MENU > **Tools** > **Shortcuts** > *shortcut name*

Using a Voice Shortcut

	Action
1	Press MENU to open the menu.
2	Press and release the voice key and say the shortcut's name (within 2 seconds) to go to the menu item with that shortcut name.

Editing or Deleting a Shortcut

The shortcut list is sorted by key. If you change a shortcut's key, you change its place in the list.

Find the Feature MENU > **Tools** > **Shortcuts**

	Press	To
1	⊙	scroll to the shortcut
2	MENU	open the **Shortcut Menu** to perform various procedures on the shortcut

The **Shortcut Menu** can include the following options:

Option	Description
Edit	Edit the shortcut. **Tip:** Use this option to delete the associated voice shortcut.
Reorder List	Change the shortcut list order.
Delete	Delete the shortcut.
Delete All	Delete all shortcuts.

Getting More Out Of Your Phone

Making a Conference Call

Network / Subscription Dependent Feature

Connect an active call and a call on hold so that all parties can speak to each other.

	Press	To
1	keypad keys	dial the first party's number
2		call the number
3	**HOLD** (soft key) (if available) or > **Hold**	put the call on hold.
4	keypad keys	dial the next party's number
5		call the number
6	**LINK** (soft key)	connect the 2 calls
7		end the conference call

Tip: Repeat steps 3 to 6 to add additional parties to the conference call.

Forwarding Calls

Network / Subscription Dependent Feature

You can forward your phone's incoming voice, fax, and/or data calls directly to another phone number.

Setting Up or Canceling Call Forwarding

The forwarding options for voice, fax, or data calls are:

Option	Description
All Calls	Forward all calls.
If Unavailable	Forward calls if your phone is unavailable.
Detailed	Set different forwarding numbers if you are out of range, unable to answer, or busy (voice calls only).
Off	Do not forward calls.

Find the Feature > **Settings** > **Call Forward**

	Press	To
1		scroll to the type of calls you want to forward Scroll to **Cancel All** to cancel all call forwarding.
2	**SELECT** (soft key)	view call forwarding details
3		scroll to **Forward**
4	**CHANGE** (soft key)	select **Forward**
5		scroll to a forwarding option
6	**SELECT** (soft key)	store the option
7		scroll to **To** (for **Detailed** forwarding, scroll to **If Busy**, **If No Answer**, or **If Unreachable**)
8	**CHANGE** (soft key)	select **To**
9	keypad keys	enter the forwarding phone number **or** **BROWSE** (soft key) select a number from the phonebook or recent calls lists
10	**OK** (soft key)	store the number
11	**DONE** (soft key)	save call forwarding settings

Note: Repeat this procedure to enter forwarding information for other call types.

Checking Call Forwarding Status

Your network may store call forwarding status for you. To confirm the network call forwarding settings:

Find the Feature > **Settings** > **Call Forward** > **Forward Status**

	Press	To
1		scroll to **Voice**, **Fax**, or **Data**
2	**View** (soft key)	confirm the network setting

Barring Calls

Network / Subscription Dependent Feature

Call barring lets you restrict outgoing or incoming calls. You can restrict all calls, calls to international numbers, or calls while roaming.

Find the Feature > **Settings** > **Security** > **Call Barring**

	Press	To
1		scroll to **Outgoing** or **Incoming** calls
2	**CHANGE** (soft key)	select the option
3		scroll to a restriction setting
4	**SELECT** (soft key)	select the restriction setting
5	keypad keys	enter your call barring password
6	**OK** (soft key)	submit your password

TTY Operation

You can use an optional TTY device with your phone to send and receive calls. You must plug the TTY device into the phone's headset jack and set the phone to operate in 1 of 3 TTY modes.

Notes:

- Use a TSB-121 compliant cable (provided by the TTY manufacturer) to connect the TTY device to your phone.
- Set the phone volume to level 4 (middle setting) for proper operation. If you experience a high number of incorrect characters, adjust the volume as necessary to minimize the error rate.
- For optimal performance, your phone should be at least 12 inches (30 centimeters) away from the TTY device. Placing the phone too close to the TTY device may cause high error rates.

Setting TTY Mode

When you set your phone to a TTY mode, it operates in that mode whenever the TTY device is connected.

Find the Feature > **Settings** > **Initial Setup** > **TTY Setup**

	Press	To
1	◎	scroll to the TTY mode
2	**SELECT** (⌐)	select the TTY mode

The **TTY Setup** menu can include the following options:

Option	Description
TTY	Transmit and receive TTY characters.
VCO	Receive TTY characters but transmit by speaking into the microphone.
HCO	Transmit TTY characters but receive by listening to the earpiece.
Voice	Return to normal voice mode.

When your phone is in a TTY mode, the international TTY symbol and the mode setting display during an active TTY call.

Returning to Voice Mode

To return to normal voice mode, select **Voice** from the **TTY Setup** menu.

Using Fixed Dialing

When you turn on fixed dialing, you can only call numbers stored in the fixed dial list. Use this feature to limit outgoing calls to a predefined list of numbers, country codes, area codes, or other prefixes.

Turning Fixed Dialing On or Off

Find the Feature > **Settings** > **Security** > **Fixed Dial**

	Press	To
1	keypad keys	enter your SIM PIN2 code
2	**OK** (⌐)	open the fixed dial menu
3	◎	scroll to **On** or **Off**
4	**SELECT** (⌐)	select the option

Using the Fixed Dial List

You must turn on fixed dialing to open the fixed dial list.

Find the Feature > **Tools** > **Dialing Services** > **Fixed Dial**

You create and edit fixed dial entries just like phonebook entries. Fixed dial entries are stored on your SIM card, and do not have **Type**, **Voice Name**, or **Ringer ID** information.

Using Service Dialing

Dial preprogrammed numbers stored on your SIM card. Your service provider may program your SIM card with numbers for services such as taxi companies, restaurants, and hospitals.

Find the Feature > **Tools** > **Dialing Services** > **Service Dial**

Using Quick Dialing

Dial preprogrammed numbers stored on your phone. Your service provider may program your phone with 1 or more quick dial numbers, such as the customer service number.

Note: Your service provider may use a different name for this feature.

To open and dial numbers on the quick dial list:

Find the Feature > **Tools** > **Dialing Services** > **Quick Dial**

To edit the quick dial list:

Find the Feature > **Settings** > **Personalize** > **Quick Dial**

Using DTMF Tones

You can send numbers to the network as *Dual Tone Multi-Frequency* (DTMF) tones during a call. Use DTMF tones to communicate with automated systems that require you to submit a PIN code or credit card number.

Activating DTMF Tones

You can set DTMF tones to **Long**, **Short**, or **Off**:

Find the Feature > **Settings** > **Initial Setup** > **DTMF**

Short sends a short fixed-duration tone for each keypress. **Long** sends each tone for as long as you press the key. Short DTMF tones work with most automated systems. Some systems (such as home answering machines) may require long tones for proper activation.

Sending DTMF Tones

Using the Keypad

Press the number keys to send the numbers as DTMF tones during a call.

Note: When sending long tones, you may have to enter a single short keypress first to put the phone in DTMF mode.

Sending Stored Numbers

During a call, highlight a number in the phonebook or recent calls lists, then:

	Press	To
1	(menu)	open the sub-menu
2	(scroll)	scroll to **Send Tones**
3	**SELECT** (soft key)	send number as DTMF tones

Monitoring Phone Use

View and Reset Call Timers

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing (end). This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.

To view a call timer:

Find the Feature (menu) > **Recent Calls** > **Call Times**

Select 1 of the following options:

Option	Description
Last Call	Approximate time spent on the last dialed or received call. You cannot reset this timer.
Dialed Calls	Approximate total time spent on dialed calls since the last time you reset this timer.
Received Calls	Approximate total time spent on calls received since the last time you reset this timer.
All Calls	Approximate total time spent on dialed and received calls since the last time you reset this timer.
Lifetime	Approximate total time spent on all calls on this phone. You cannot reset this timer.

To reset the call timer:

	Press	To
1	**RESET** (soft key)	reset the time (if available)
2	**YES** (soft key)	confirm the reset

Using a Timer During a Call

You can set a timer to beep at selected intervals during a call, and display different types of information during a call.

Find the Feature (menu) > **Settings** > **In-Call Setup** > **In-Call Timer**

Select 1 of the following **Beep** options:

Option	Description
60 Seconds	Beep at 1-minute intervals during a call.
Off	No in-call beep.

Select one of the following **Display** options:

Option	Description
Time	Display the approximate elapsed time for the current call.
Cost	Display the cost of the current call (if you subscribe to a call cost option or advice of charge).
Total Cost	Display the cost of all calls since the last time you reset the timer (if you subscribe to a call cost option or advice of charge).
Credit Available	Display how much credit you have left (if you subscribe to a call cost option or advice of charge).
Off	No in-call timer display.

Viewing and Resetting Cost Trackers

To view a cost tracker:

Find the Feature > **Recent Calls** > **Call Cost**

Select 1 of the following options:

Option	Description
Credit Available	Amount of credit available. For GSM advice of charge, available only if you set a credit limit.
Expiration Date	Date that available credit expires. Available only with subscription to a prepay option.
Last Deposit	Amount of last deposit. Available only with subscription to a prepay option.
Last Call	Amount spent on last dialed or received call. You cannot reset this cost tracker.
Dialed Calls	Amount spent on dialed calls since the last time you reset this cost tracker.
Received Calls	Amount spent on received calls since the last time you reset this cost tracker.
All Calls	Amount spent on dialed and received calls since the last time you reset this cost tracker. You can reset this value separate from **Dialed Calls** and **Received Calls**, so **Dialed Calls** plus **Received Calls** may not equal **All Calls**.

To reset the cost tracker:

	Press	To
1	**RESET** (⌒)	reset the cost, if available
2	**OK** (⌒)	enter your PIN2 code to confirm the reset

Viewing Credit Information

Prepay Option

If you subscribe to a prepay option, you can view the amount of credit available, its expiration date, and the date of your last deposit.

Find the Feature > **Settings** > **Phone Status** > **Credit Info**

Advice of Charge Option

If you subscribe to an advice of charge option, you can view the amount of credit available.

Find the Feature > **Settings** > **Phone Status** > **Credit Available**

Adjusting Call Cost Settings

You can set a credit limit so that the phone displays your remaining credit during calls. The phone notifies you when you near your limit, and ends the call when you reach it.

Find the Feature > **Settings** > **In-Call Setup** > **Call Cost Setup**

Viewing and Resetting GPRS Packet Data Timers and Data Volume Meters

Your phone may use a high-speed *General Packet Radio Service* (GPRS) network connection to transfer data during a data or fax call. This type of procedure, where an external device uses your phone to upload or download data, is referred to as an *external data session*.

Your phone's micro-browser also may use a GPRS connection to upload and download data from the Internet. This is an example of an *internal data session*.

Your phone tracks, in 1-minute increments, the approximate time spent and approximate volume of data transferred during these data sessions.

The amount of data session time and data transfer volume you track on your resettable data timers and data volume meters may not equal the amount of data session time or data transfer volume for which you are billed by your service provider. For billing information, please contact your service provider directly.

Data Timers

You can view the approximate time spent on the last data session, view the approximate total time spent on all data sessions, and reset the **All Data Sessions** timers.

To view timers for the last data session:

Find the Feature > **Recent Calls** > **Data Times** > **Recent Data Session**

Select 1 of the following options:

Option	Description
External Data Session	Approximate time spent on the last external data session. You cannot reset this timer.
Internal Data Session	Approximate time spent on the last internal data session. You cannot reset this timer.
Total Time	Approximate total time spent on the last external and internal data sessions. You cannot reset this timer.

To view or reset cumulative timers for all data sessions:

Find the Feature > **Recent Calls** > **Data Times** > **All Data Sessions**

Select 1 of the following options:

Option	Description
External Data Sessions	Approximate total time spent on all external data sessions since the last time you reset this timer.
Internal Data Sessions	Approximate total time spent on all internal data sessions since the last time you reset this timer.
Total Time	Approximate total time spent on all external and internal data sessions since the last time you reset this timer.
Reset All	Reset all data sessions timers.

Data Volume Meters

You can view the volume of data transferred during the most recent data session, view the total amount of data transferred for all data sessions, and reset the **All Data Sessions** volume meters.

To view volume meters for the last data session:

Find the Feature > **Recent Calls** > **Data Volumes** > **Recent Data Session**

Select 1 of the following options:

Option	Description
External Data Session	View data sent, data received, and total volume of data sent and received during the last external data session. You cannot reset this volume meter.
Internal Data Session	View data sent, data received, and total volume of data sent and received during the last internal data session. You cannot reset this volume meter.
Total Data Transferred	View data sent, data received, and total volume of data sent and received during the last external and internal data sessions. You cannot reset this volume meter.

To view or reset cumulative volume meters for all data sessions:

Find the Feature > **Recent Calls** > **Data Volumes** > **All Data Sessions**

Select 1 of the following options:

Option	Description
External Data Sessions	View data sent, data received, and total volume of data sent and received for all external data sessions since the last time you reset this volume meter.
Internal Data Sessions	View data sent, data received, and total volume of data sent and received for all internal data sessions since the last time you reset this volume meter.
Total Data Transferred	View data sent, data received, and total volume of data sent and received for all external and internal data sessions since the last time you reset this volume meter.
Reset All	Reset all data sessions volume meters.

Using Handsfree Features

Your phone includes an integrated handsfree speaker that you can use for handsfree applications. For instructions on how to use the handsfree speaker, see your *Start Here* guide.

You can also purchase an optional Motorola Original™ handsfree car kit, speakerphone, or headset for your phone. These accessories provide alternative ways for you to use your phone without using your hands.

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Activating an External Speakerphone

To use an external speakerphone with your phone, connect the speakerphone and, during an active call:

Press	To
SPEAKER (⌓) (if available) or > **Spkrphone On**	activate the connected speakerphone

Automatic Answer

Set your phone to automatically answer calls after 2 rings (4 seconds) when connected to a car kit, speakerphone, or headset.

Find the Feature MENU > **Settings** > **Car Settings** or **Headset**

	Press	To
1	⊙	scroll to **Auto Answer**
2	**SELECT** (⌐)	select **Auto Answer**
3	⊙	scroll to **On** or **Off**
4	**SELECT** (⌐)	confirm the setting

Ringer Options

When connected to a headset, you can specify whether you want the phone or headset to sound the incoming call alert.

Find the Feature MENU > **Settings** > **Headset**

	Press	To
1	⊙	scroll to **Ringer Options**
2	**SELECT** (⌐)	select **Ringer Options**
3	⊙	scroll to **Speaker Only**, **Headset Only**, or **Headset And Speaker**
4	**SELECT** (⌐)	confirm the setting

Voice Dial From Headset

If your headset has a send/end key, this feature enables you to press the send/end key to voice dial a call from the headset.

Find the Feature MENU > **Settings** > **Headset**

	Press	To
1	⊙	scroll to **Voice Dial**
2	**SELECT** (⌐)	select **Voice Dial**
3	⊙	scroll to **On** or **Off**
4	**SELECT** (⌐)	confirm the setting

Automatic Handsfree

Set your phone to automatically route calls to a car kit when it detects a connection.

Find the Feature MENU > **Settings** > **Car Settings** > **Auto Handsfree**

	Press	To
1	⊙	scroll to **On** or **Off**
2	**SELECT** (⌐)	confirm the setting

Power-Off Delay

When connected to a car kit, you can set your phone to stay on for a period of time after you switch off the ignition. This prevents the phone from draining your vehicle battery, but leaves the phone on long enough that you do not have to re-enter your unlock code when making short stops.

Find the Feature MENU > **Settings** > **Car Settings** > **Power-Off Delay**

	Press	To
1	⊙	scroll to the time delay
2	**SELECT** (⌐)	confirm your selection

Note: This feature may not work with all car ignition switches.

Caution: If you select **Continuous**, the phone does not power off when you turn off the ignition. Be careful not to drain your vehicle battery if you select this option.

Charger Time

When connected to a car kit, you can set your phone to charge itself for a specified time period after you switch off the ignition. This helps ensure that the phone battery gets fully charged while the vehicle is parked.

Find the Feature MENU > **Settings** > **Car Settings** > **Charger Time**

	Press	To
1	⊙	scroll to the charge time
2	**SELECT** (⌐)	confirm your selection

Note: This feature may not work with all car ignition switches.

Making Data and Fax Calls

An optional Motorola Original data kit (which includes a cable connector) lets you transfer data between your phone and a computer, Palm OS® compatible device, or Microsoft Windows CE, Pocket PC, or Handheld PC device. You can:

- Synchronize phonebook and datebook information between your phone and a computer or PDA.
- Use your phone as a modem to connect to the Internet.
- Use your phone to send and receive data and fax calls from your computer or handheld device.

Making a Cable Connection

Installing the Software

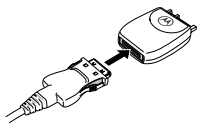
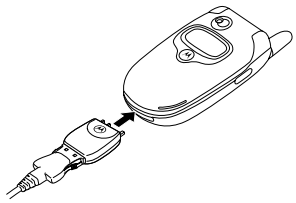
To transfer data between your phone and computer, you must install the software included with the Motorola Original data kit. See the data kit user's guide for more information.

Attaching the Cable

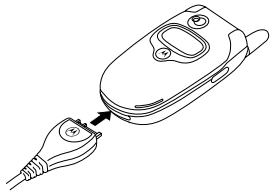
Use a Motorola Original serial cable or Motorola Original USB cable to connect your phone to the external device.

Note: Not all devices are compatible with a cable connection. Check your computer or hand-held device to determine the type of cable you need.

Serial Cable

	Action
1	Plug the serial cable into the detachable head. Make sure that the Motorola logo on the detachable head and the metal shielding on the serial cable plug are both facing you. 
2	With the Motorola logo and the phone both facing you, plug the detachable head into the phone's accessory connector port. 
3	Plug the other end of the cable into the serial interface connection on the device and tighten the screws, if present.

USB Cable

	Action
1	Plug the end of the cable with the Motorola logo into the phone's accessory connector port. Make sure that the logo and the phone are both facing you. 
2	Plug the other end—the USB connection—into the USB port on the device.

Synchronizing Data

You can synchronize phonebook and datebook information between your phone, computer, and PDA with BVRP Mobile PhoneTools software, an accessory for Motorola phones. See the Mobile PhoneTools user's guide for more information.

Note: BVRP Mobile PhoneTools software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products.

Sending a Data or Fax Call

Use this procedure to send data or a fax from a connected computer or hand-held device using a CSD or GPRS network connection.

	Action
1	Make sure that the phone is connected and powered on.
2	Open the application (such as dial-up-networking or fax) on your computer, and place the call through the application. **Note:** You cannot dial data or fax numbers through your phone's keypad. You must dial them through your computer, unless you are making a talk then fax call (see following section).
3	When the transfer is complete, end the call from the connected device to close the connection.

Receiving a Data or Fax Call

Use this procedure to transfer data or a fax to a connected computer or hand-held device.

Transferring the Data or Fax

Your phone notifies you when the data or fax call arrives, and transfers the call to the connected device. Use the application running on the device to answer the call.

Ending the Data/Fax Connection

When the data or fax transfer is complete, end the call from the connected device to close the connection.

Making a Talk Then Fax Call

You can place a call where you talk and then send a fax to the same phone number within the same call.

Connect to the device that will send the fax, and do the following:

	Press	To
1	keypad keys	enter the phone number
2		open the **Dialing Menu**
3		scroll to **Talk Then Fax**
4	**SELECT** ( )	select **Talk Then Fax** Your selection applies to the next call only.
5		make the call Speak and, when ready, initiate the fax transfer on the connected device. When the transfer is complete, end the call from the connected device.

Adjusting Network Settings

Your service provider registers your phone to its network. In some situations, such as using the phone as a modem or connecting it to a TTY device, you may need to change the network registration.

Note: Some settings and/or options described in this section may not be available for all phone models.

Viewing the Current Registered Network

Find the Feature > **Settings** > **Network** > **Current Network**

Your phone displays the network ID.

Finding a New Network

You may decide to switch to another network to improve the calling conditions, because of network coverage or roaming conditions. To select a new network:

Find the Feature > **Settings** > **Network** > **New Network**

Your phone locates and registers on the strongest network apart from the current network.

Listing All Networks

View a list of available networks, and register your phone with a network.

Find the Feature > **Settings** > **Network** > **Available Networks**

Your phone displays a list of available networks.

	Press	To
1		scroll to the network you want
2	**VIEW**	view network details
3	**REGISTER**	register with the network

Changing Network Setup Values

Set how your phone searches for a network connection.

Note: Actual field names and values may vary depending on the technologies available to your service provider.

Find the Feature > **Settings** > **Network** > **Network Setup**

	Press	To
1		scroll to an item to change
2	**CHANGE**	open the item's list
3		scroll to an option described in the following lists
4	**SELECT**	select the option

Network search **Type** options:

Option	Description
Automatic	Scan for networks automatically based on priority.
Manual	View a list of all networks from which you can choose.

Network search **Speed** options:

Option	Description
Slow	Slowest network search and repeat rate.
Medium	Medium search/repeat.
Fast	Fast search/repeat.
Continuous	Continuous search until a network is found.

Setting Preferred Networks

You can create a preferred networks list, so that the phone searches for networks by your preference. The preferred list normally is stored on your SIM card. Some service providers may store network preferences on the phone.

Accessing the Preferred Network List

Find the Feature > **Settings** > **Network** > **My Network List**

	Press	To
1		scroll to the network you want
2	**SELECT**	view network details

Your home network is always the first entry in the list, and is identified by the (home) icon. Other network entries are sorted by preference.

Adding an Entry to the Preferred Network List

Find the Feature > **Settings** > **Network** > **My Network List** > **Add**

	Press	To
1	**BROWSE**	browse available networks
	or	
	OK	enter the network ID number
2	**OK**	confirm the new entry

Editing a Preferred Network List Entry

Find the Feature > **Settings** > **Network** > **My Network List**

	Press	To
1		scroll to the entry
2		open the network menu
3		scroll to **Edit**
4	**SELECT**	select **Edit**
5	**DELETE**	delete information
	or	
	keypad keys	enter information
6	**OK**	store the new information

Deleting a Preferred Network List Entry

Find the Feature > **Settings** > **Network** > **My Network List**

	Press	To
1		scroll to the entry
2		open the network menu
3		scroll to **Delete**
4	**SELECT**	select **Delete**
5	**YES**	confirm the deletion

Adjusting Service Tones

You can set your phone to beep each time the network registration status changes.

Find the Feature > **Settings** > **Network** > **Service Tone**

	Press	To
1		scroll to **On** or **Off**
2	**SELECT**	select the option

Setting the Call Drop Alert

You can set your phone to emit an alert tone whenever the network drops a call. Because digital networks are so quiet, the call drop alert may be your only indication that a call has been dropped.

Find the Feature > **Settings** > **Network** > **Call Drop Tone**

	Press	To
1		scroll to **On** or **Off**
2	**SELECT**	select the option

Monitoring Battery Charge

To view a detailed battery charge meter:

Find the Feature > **Settings** > **Phone Status** > **Battery Meter**

Viewing Phone Specifications

To view your phone's feature specifications:

Find the Feature > **Settings** > **Phone Status** > **Other Information**

Personal Organizer

Datebook

The datebook is a calendar that you can use to schedule and organize events such as appointments and meetings.

Note: You must set the correct time and date to use the datebook.

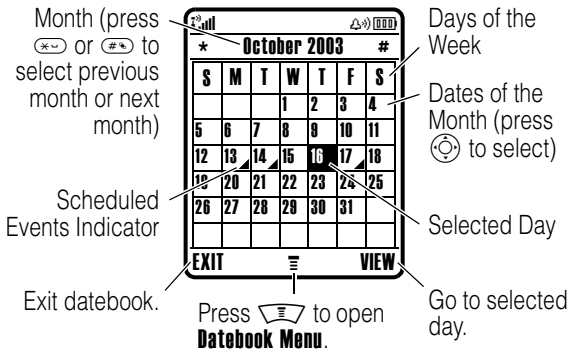
To schedule or review datebook events:

Find the Feature > **Tools** > **Datebook**

You can set the datebook to display a calendar for the month or week. To change the default view, see page 31.

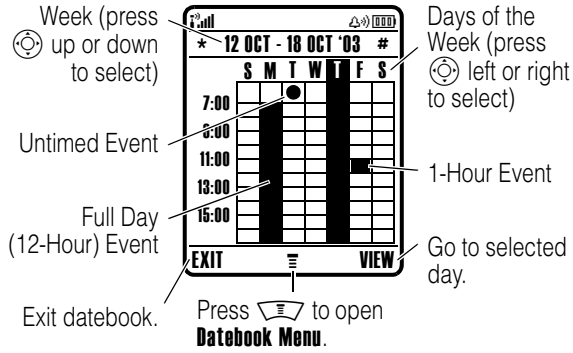
Month View

When default view is set to month, the datebook initially displays a calendar for the month. An indicator in the lower right corner of the date box indicates that 1 or more events are scheduled for the day.



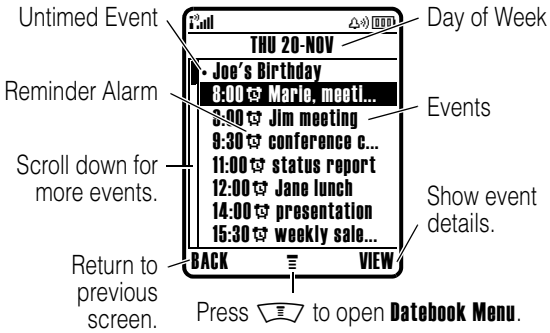
Week View

When default view is set to week, the datebook initially displays a calendar for the week. Filled boxes indicate scheduled events.


Week (press up or down to select)
12 OCT - 18 OCT '03
Days of the Week (press left or right to select)
Untimed Event
1-Hour Event
Full Day (12-Hour) Event
EXIT
VIEW
Go to selected day.
Exit datebook.
Press to open Datebook Menu.

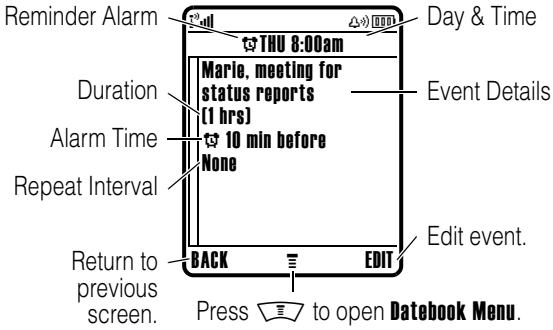
Day View

Select a day and press **VIEW** () to see the day's events.



Event View

Select an event and press **VIEW** () to see event details.



Creating a Datebook Event

A title is required for a datebook event. All other information is optional.

Notes:

- You must create an event to use the reminder alarm.
- Your phone must be turned on for the reminder alarm to sound.

Find the Feature > **Tools** > **Datebook** > *day* > **New**

	Press	To
1	**CHANGE** ()	select **Title**
2	keypad keys	enter a title for the event **Tip:** Press to select a text entry method.
3	**OK** ()	store the event title

	Press	To
4	⊙	scroll to other fields and enter information as necessary You can set start time, duration, date, repeat interval, and reminder alarm.
5	**DONE** (⌐)	store the event

Changing Event Information

Find the Feature ☰ > **Tools** > **Datebook**

	Press	To
1	⊙ left or right	scroll to the day
2	**VIEW** (⌐)	display the day view
3	⊙	scroll to the event
4	**VIEW** (⌐)	display the event view
5	**EDIT** (⌐)	edit the event
6	⊙	scroll to the information you want to change
7	**CHANGE** (⌐)	edit the information
8	keypad keys	enter new information
9	**DONE** (⌐)	store the information

Copying an Event

Find the Feature ☰ > **Tools** > **Datebook**

	Press	To
1	⊙ left or right	scroll to the day
2	**VIEW** (⌐)	display the day view
3	⊙	scroll to the event
4	☰	open the **Datebook Menu**
5	⊙	scroll to **Copy**
6	**SELECT** (⌐)	copy the event
7	**YES** (⌐)	confirm the copy Your phone assumes that you want to change the date, and displays the **Date** field.
8	keypad keys	enter the date information
9	▶ (⌐) or ⊙ to the right	move to month, day, and year
10	**DONE** (⌐)	save the copy of the event
11	⊙	scroll to and edit event information, if necessary
12	**DONE** (⌐)	store the information

Deleting an Event

Find the Feature ☰ > **Tools** > **Datebook**

	Press	To
1	⊙ left or right	scroll to the day
2	**VIEW** (⌐)	display the day view
3	⊙	scroll to the event
4	☰	open the **Datebook Menu**
5	⊙	scroll to **Delete**
6	**SELECT** (⌐)	select **Delete**
7	**YES** (⌐)	confirm the deletion

Viewing and Dismissing an Event Reminder

When you set a reminder alarm for an event, the phone displays an event reminder and sounds a reminder alarm. To view or dismiss an event reminder:

Press	To
VIEW (⌐)	view the event Press ⊙ to scroll through the event details.
or	
EXIT (⌐)	dismiss the reminder

If you have more than 1 event set up for the same time, the phone displays each event in sequence. As you view and dismiss each event reminder, the next event is displayed.

Changing the Datebook Setup

You can set the datebook's default view to month or week, change the daily start time, and set the length of time that events are stored.

Find the Feature ☰ > **Tools** > **Datebook** > **Setup**

Synchronizing Datebook Entries

You can synchronize datebook entries between your phone and computer or hand-held device with BVRP Mobile PhoneTools software, an accessory for Motorola phones. See the Mobile PhoneTools user's guide for more information.

Note: Mobile PhoneTools software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products.

Alarm Clock

Your phone has an alarm clock with 5 separate alarms that you can set and use when the phone is powered on. Each alarm can be configured with a name, time, and alert tone.

Setting an Alarm

Find the Feature ☰ > **Tools** > **Alarm Clock**

	Press	To
1	⊙	scroll to [**New Alarm**]
2	**SELECT** (⌐)	select the option
3	**CHANGE** (⌐)	select **Name**

	Press	To
4	keypad keys	enter a name for the alarm
5	**OK** (⊙)	store the name
6	⊕	scroll to other fields and enter information as necessary You must set start time, alert tone, and alarm volume.
7	**DONE** (⊙)	store the alarm

Enabling/Disabling an Alarm

Alarms that you set are listed by name on the **Alarm Clock** menu. An active alarm is identified by an ⏰ (alarm) indicator.

To enable or disable an alarm:

Find the Feature ☰ > **Tools** > **Alarm Clock**

	Press	To
1	⊕	scroll to the alarm
2	**ENABLE** (⊙)	enable a highlighted (disabled) alarm
	or	
	DISABLE (⊙)	disable a highlighted (enabled) alarm

Turning Off an Alarm

When an alarm sounds, your phone displays the alarm name, time, and date.

The alarm rings for 3 minutes, then snoozes for 8 minutes. The alarm repeats this cycle for up to 90 minutes, or until you perform 1 of the following procedures.

Press	To
DISABLE (⊙) or 📞	turn off the alarm
SNOOZE (⊙)	turn off the alarm for 8 minutes The alarm is reactivated at the end of 8 minutes.

Voice Records

You can record personal messages and phone calls on your phone.

Making a Recording

Use this procedure to create a voice record from the home screen, or to record a phone call in progress. Your phone plays an alert tone to notify the other party that the call is being recorded.

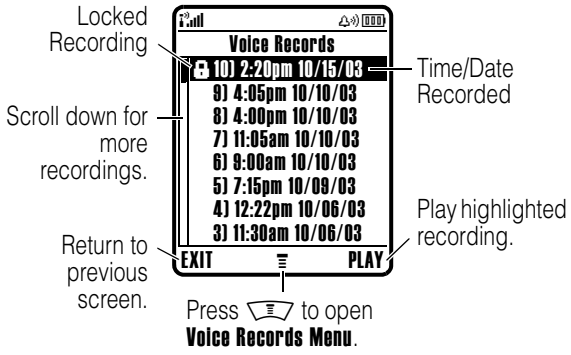
Note: Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations.

Tip: Make your recording in a quiet location. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone.

	Action
1	Press and hold the voice key. The phone sounds an alert tone and begins recording.
2	Speak into the phone.
3	Release the voice key to stop recording.

Viewing the Voice Records List

Find the Feature ☰ > **Tools** > **Voice Records**



Playing a Recording

Find the Feature ☰ > **Tools** > **Voice Records**

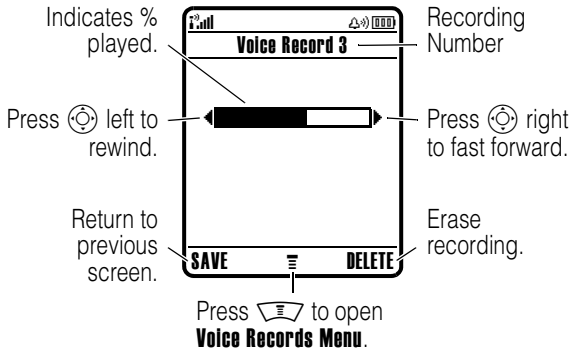
	Press	To
1	⊕	scroll to the recording
2	**PLAY** (⊙)	play the recording

When you connect an optional Motorola Original™ headset or FM Stereo Radio Headset accessory to your phone, playback is automatically routed to the headset.

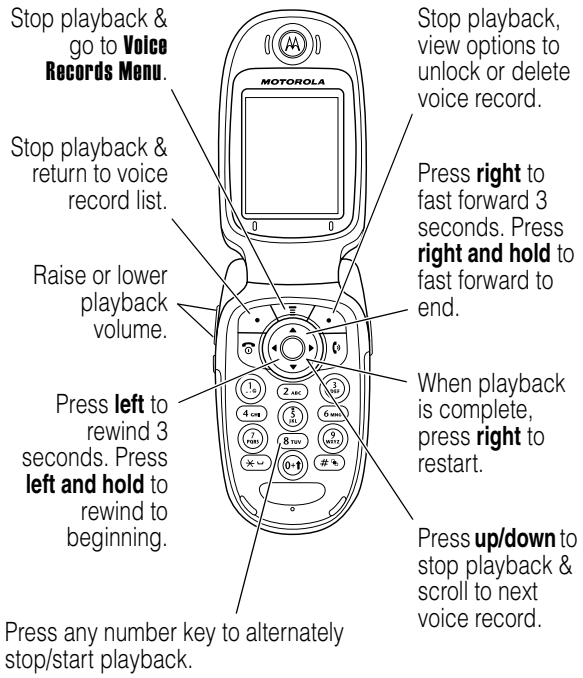
Tip: You can play a recording while taking a call. It will not be transmitted to the other party.

Playback Screen

The playback screen is displayed as the recording plays.



Voice Record Controls


Stop playback & go to **Voice Records Menu**.
Stop playback & return to voice record list.
Raise or lower playback volume.
Press **left** to rewind 3 seconds. Press **left and hold** to rewind to beginning.
Press any number key to alternately stop/start playback.
Stop playback, view options to unlock or delete voice record.
Press **right** to fast forward 3 seconds. Press **right and hold** to fast forward to end.
When playback is complete, press **right** to restart.
Press **up/down** to stop playback & scroll to next voice record.

Locking and Unlocking a Recording

Lock a recording to prevent it from being deleted. You must unlock a recording to delete it.

Find the Feature > **Tools** > **Voice Records**

	Press	To
1		scroll to the recording
2		open the **Voice Records Menu**
3		scroll to **Lock** or **Unlock**
4	**SELECT**	lock or unlock the recording

To lock or unlock a recording during playback:

	Press	To
1		open the **Voice Records Menu**
2		scroll to **Lock** or **Unlock**
3	**SELECT**	lock or unlock the recording

Playback stops when you lock or unlock a recording. Press any number key to resume playback.

Deleting a Recording

Find the Feature > **Tools** > **Voice Records**

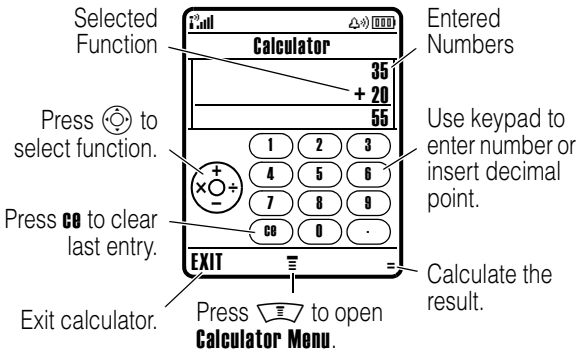
	Press	To
1		scroll to the recording
2		open the **Voice Records Menu**
3		scroll to **Delete** or **Delete All**
4	**SELECT**	select the highlighted option
5	**YES**	confirm the deletion
	or	
	NO	cancel deletion

Notes:

- You cannot delete a locked recording.
- You cannot recover a deleted recording.

Calculator

You can use your phone as a calculator and currency converter.



Calculating Numbers

Find the Feature > **Tools** > **Calculator**

	Press	To
1	number keys	enter a number
2		select a calculator function
3	number keys	enter next number
4	=	calculate the result

Press **c** to clear the calculation. Press **ce** (clear entry) to clear the last entry when performing a calculation.

Press to open the **Calculator Menu** to perform the following functions:

Function	Description
+/-	Change the entry's sign (positive/negative).
MS	Store the value in memory (overwrites values already stored).
MC	Clear the value stored in memory.
MR	Replace the displayed value with the value stored in memory.
%	Divide the displayed value by 100.

Converting Currency

The currency converter works just like the calculator, but converts a currency value based on the exchange rate you specify:

Find the Feature MENU > **Tools** > **Calculator**
MENU > **Exchange Rate**

	Press	To
1	number keys	enter the exchange rate
2	**OK** (⌐)	store the exchange rate
3	number keys	enter the amount to convert (amount to multiply by the exchange rate)
4	MENU	open the **Calculator Menu**
5	◎	scroll to **Convert Currency**
6	**SELECT** (⌐)	perform the conversion

Security

Locking the SIM Card

Your *Personal Identification Number* (PIN) code protects the information stored on your SIM card. When the SIM card is locked, you must enter your SIM card PIN code to unlock the SIM card each time you turn on the phone or insert the SIM card in the phone. Your SIM card PIN code is given to you by your service provider.

Find the Feature MENU > **Settings** > **Security** > **SIM PIN**

	Press	To
1	⊙	scroll to **On** or **Off**
2	**SELECT** (⌐)	switch SIM PIN lock on or off
3	keypad keys	enter your SIM card PIN code
4	**OK** (⌐)	submit your code

Unblock the SIM Card PIN Code

If you enter an incorrect SIM card PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**. You must enter a PIN unblocking key (PUK) code, which you can obtain from your service provider.

Caution: If the unblocking attempt is tried unsuccessfully 10 times, the SIM card is permanently disabled and your phone displays **SIM Disabled**.

	Press	To
1	* * 0+ 5 *	open the PIN unblocking editor
2	keypad keys	enter the PUK code
3	**OK** (⌐)	submit the PUK code
4	keypad keys	enter a new SIM card PIN code **Note:** The SIM PIN code must be between 4 and 8 digits in length.
5	**OK** (⌐)	assign the new SIM PIN code
6	keypad keys	re-enter the new SIM PIN code
7	**OK** (⌐)	confirm the new SIM PIN code and unblock the SIM card

Unblock the SIM Card PIN2 Code

If you enter an incorrect SIM card PIN2 code 3 times in a row, your phone's SIM PIN2 protected features are disabled and your phone displays **SIM Blocked** when you try to use a PIN2 feature. You must enter a PIN2 unblocking key (PUK2) code, which you can obtain from your service provider.

	Press	To
1	* * 0+ 5 2abc *	open the PIN2 unblocking editor
2	keypad keys	enter the PUK2 code
3	**OK** (⌐)	submit the PUK2 code
4	keypad keys	enter a new SIM card PIN2 code **Note:** The SIM PIN2 code must be between 4 and 8 digits in length.
5	**OK** (⌐)	assign the new SIM PIN2 code
6	keypad keys	re-enter the new SIM PIN2 code
7	**OK** (⌐)	confirm the new SIM PIN2 code and unblock PIN2 features

Locking and Unlocking Applications

You can lock specific phone applications (such as the phonebook) so that users must enter the unlock code to use them.

Find the Feature MENU > **Settings** > **Security** > **Lock Application**

	Press	To
1	keypad keys	enter your unlock code
2	**OK** (⌐)	open the lock application menu
3	⊙	scroll to the application
4	**CHANGE** (⌐)	select the application
5	⊙	scroll to **Locked** or **Unlocked**
6	**SELECT** (⌐)	select **Locked** or **Unlocked**

News and Entertainment

Micro-Browser

The micro-browser lets you access Web pages and Web-based applications on your phone. Contact your service provider to set up access, if necessary.

Note: Your phone may use a high-speed *General Packet Radio Service* (GPRS) network connection. This type of connection is identified by a (GPRS) indicator in the home screen that disappears when you start a micro-browser session. If you see an (in-call) indicator during a micro-browser session, your phone is using a standard voice channel connection. The type of network connection your phone uses depends on your service provider's network. Your network connection charges may vary depending on the type of connection used.

Starting a Micro-Browser Session

Note: **Browser** may have a different name on your phone.

Find the Feature > **Web Access** > **Browser**

	Press	To
1		scroll to a bookmark, service, or application
2	**SELECT**	select the item

Shortcut: If you open a text message with a Web address (URL) embedded in it, you can press > **Go To** to launch the micro-browser and go directly to the URL.

If you are unable to establish a network connection with the micro-browser, contact your service provider.

Interacting With Web Pages

Press	To
	scroll through text, or highlight a selectable item
SELECT	select the highlighted item
keypad keys, followed by **OK**	enter information **Tip:** Press **DELETE** to delete 1 letter at a time if you make a mistake.
BACK	go back to the previous page
	open the **Browser Menu**

Downloading Objects From a Web Page

You can download a photo, picture, animation, sound, or phone theme from a Web page be selecting its link. You can store these media objects on your phone, and use them as wallpaper images, screen saver images, and event alerts.

Storing a Picture File

	Press	To
1	**STORE**	view storage options
2		scroll to **Store Only**, **Apply as Wallpaper** or **Apply as Screen Saver**
3	**SELECT**	perform the storage option of your choice

Storing a Sound File

	Press	To
1	**STORE**	view storage options
2		scroll to **Store Only** or **Set As Ring Tone**
3	**SELECT**	select the option If you select **Store Only**, the procedure is complete. If you select **Set As Ring Tone**, your phone displays **Set As Which?**, and lists the events for which you can set an alert.
4		scroll to the event
5	**SELECT**	store the sound and set it as the event alert

Selecting or Creating a Web Session

Use this feature to select or create a *Web session*, or network connection profile. You can use different Web sessions to connect to the Internet in different ways.

Find the Feature > **Web Access** > **Web Sessions**

To create a Web session, you must configure the following settings. Contact your service provider to obtain the following information, if necessary. Actual field names and values may vary depending on the technologies available to your service provider. Some settings may not be available for all phone models.

Option	Description
Name	Enter the Web session name.
Homepage	Specify the default home page.
WAP IP 1	Primary WAP gateway IP address.
WAP Port 1	Primary WAP port number.
WAP IP 2	Secondary WAP gateway IP address.
WAP Port 2	Secondary WAP port number.

Option	Description
Timeout	Time at which the phone exits the micro-browser application when no keypress activity is detected.
CSD No. 1	Primary phone number to use to set up a CSD connection.
User Name 1	User name for primary CSD number.
Password 1	Password for primary CSD number.
Speed (Bps) 1	Connection speed for primary CSD number.
Line Type 1	Line type (modem or ISDN) for primary CSD number.
CSD No. 2	Secondary CSD dial-up phone number.
User Name 2	User name for secondary CSD number.
Password 2	Password for secondary CSD number.
Speed (Bps) 2	Connection speed for secondary CSD number.
Line Type 2	Line type (modem or ISDN) for secondary CSD number.
GPRS APN	GPRS access point name (the name of the WAP service provider).
User Name	User name for GPRS APN connection.
Password	Password for GPRS APN connection.

Running the Micro-Browser in the Background

Some phones are set up to run a micro-browser session in the background when the phone registers with a network. This lets your phone display information services messages sent by your service provider (such as stock updates, news headlines, or sports scores). These types of services typically are available through subscription from your service provider.

Turning a Background Micro-Browser Session On or Off

Find the Feature MENU > **Messages** > MENU > **Info Srvc Setup** > **Browser Services**

	Press	To
1	⊙	scroll to **On** or **Off**
2	**SELECT** (⌐)	select the setting

Setting Service Preferences

To run a background micro-browser session, you must indicate your service preferences. Contact your service provider for more information.

Find the Feature MENU > **Messages** > MENU > **Info Srvc Setup** > **Browser Services** > **Options**

	Action
1	Open your home page or go to your service provider's setup page. Your phone displays a menu of available folders and channels.
2	Set up your options. The phone runs the micro-browser in the background and displays your choices.

Phone Themes

A *phone theme* consists of a bundled set of image and sound files with a specific theme (such as a special event or cartoon character) that you can apply collectively to your phone. Phone themes typically include a wallpaper image, screen saver image, and ring tone. Your phone includes several preloaded themes. You can download and install additional themes on your phone.

Downloading Themes

To download a theme from the browser, see page 36. When you install the theme, you can instantly apply its screen saver, wallpaper, and ring tone when your phone prompts you to **Apply Theme Now?**

Selecting Themes

You can apply any of the themes installed on your phone.

Note: If 1 of a theme's components is not available, then a default setting is applied.

Find the Feature MENU > **Multimedia** > **Themes** > *theme*

Deleting Themes

You cannot delete the preloaded themes on your phone. To delete 1 or all of the themes that you have downloaded and installed:

Find the Feature MENU > **Multimedia** > **Themes** > *theme*

	Press	To
1	MENU	open the **Theme** menu
2	⊙	scroll to **Delete** or **Delete All**
3	**SELECT** (⌐)	select the option

Using Photos and Pictures

You can send your photos to other wireless phone users or email addresses, assign photos to specific phonebook entries, and use them as wallpaper or screen saver images.

Your phone may contain predefined photos, pictures, and animations. You can download and store additional images on your phone.

Downloading Pictures

To download a picture with the micro-browser, see page 36. To store a picture from a message, see page 8.

Managing Pictures

Note: Predefined images are identified by a ★ (predefined object) indicator. You cannot rename, delete, or view details about predefined images.

To view a photo, picture, or animation stored on your phone:

Find the Feature > **Multimedia** > **Pictures**

	Press	To
1		scroll to the picture
2	**SELECT**	view the picture
3	up or down	view the next/previous picture
	or	
	DETAILS	view picture information
	or	
		open the **Pictures Menu** to perform other procedures

The **Pictures Menu** can include the following options:

Option	Description
Zoom	Change the zoom factor of the selected picture.
New Picture	Activate the camera to take a photo.
New Picture Album	Collect a group of pictures in a single presentation.
Apply As Wallpaper	Set the picture as your phone's wallpaper image.
Apply As Screen Saver	Set the picture as your phone's screen saver image.
Apply As Phonebook Entry	Assign the picture to a phonebook entry to enable picture caller ID.
Resize Image	Change the size of the selected picture.
Edit	Edit picture details.
Reorder	Change the picture order in a picture album.
Details	View picture information.
Rename	Rename the picture.
Delete	Delete the selected picture or all marked picture(s).
Mark/Unmark or **Mark All/Unmark All**	Mark 1 or more pictures that you want to move, copy, send, or delete.
Send In Message	Insert selected picture or marked picture(s) in a new message.
Categories	Create a new category, or view pictures in a selected category.
Assign To Category	Assign the picture to a defined category.
Move	Move selected picture or marked picture(s) to another storage device.
Copy	Copy selected picture or marked picture(s) to another storage device.
Pictures Setup	Open the setup menu to adjust picture settings.
Download Pictures	Launch the micro-browser to download a picture.
View Free Space	View memory space available for storing pictures.

Games and Applications

Your phone may contain Java games that you can play between calls. Each game includes online playing instructions.

Your phone may contain additional Java applications that add features and functionality to your phone. Java games and applications are stored in the **Games & Apps** folder on your phone.

Downloading an Application With the Micro-Browser

Note: **Browser** may have a different name on your phone.

Find the Feature > **Web Access** > **Browser**

Go to the page that contains the application, then:

	Press	To
1		scroll to the application
2	**SELECT**	view the application details
3	**DWNLOAD**	download the application

Note: If you do not have enough phone memory to download a Java application, you can free memory space by deleting unused Java applications.

Downloading an Application From a Computer

See page 26 for instructions on connecting your phone to a computer.

On the computer, locate and prepare the file you want to download, then select the following phone menu option:

Find the Feature MENU > **Settings** > **Java Tools** > **Java App Loader**

Launching a Java Application

Find the Feature MENU > **Games & Apps**

	Press	To
1		scroll to the application
2	**SELECT** (⌐)	launch the application, or open the list of applications in a suite
3		scroll to the application you want, if necessary
4	**SELECT** (⌐)	launch the application

Editing Network Connection Settings

Entering the DNS IP Address

Your phone must be set up with a valid *Domain Name Service* (DNS) IP address before you can run Java applications that require an active network connection. In many cases, your service provider has already entered this address for you. Contact your service provider to obtain the DNS IP address, if necessary.

Find the Feature MENU > **Settings** > **Java Tools** > **DNS IP**

	Press	To
1	keypad keys	enter the DNS IP address
2	**OK** (⌐)	save the IP address

Approving a Network Connection

When a Java application tries to establish a network connection, your phone prompts you to approve the connection. To automatically approve network connections for Java applications:

Find the Feature MENU > **Settings** > **Java Tools** > **Network Access**

	Press	To
1		scroll to **Always Ask**, **Ask Once Per App**, or **Never Ask**
2	**SELECT** (⌐)	select the highlighted setting

Using Control Keys

Your phone's keys perform the following functions in a Java application.

Key	Function
	Move up, down, left, or right in a game.
	"Fire" your weapon in a game.
	End the application.
	Call a number in the application.
MENU	Open the Java applications menu.

Analyzing or Deleting a Java Application

Find the Feature MENU > **Games & Apps**

	Press	To
1		scroll to the application
2	MENU	open the application manager menu
3		scroll to a menu option
4	**SELECT** (⌐)	select the option to perform procedures as described in the following list

The application manager menu can include the following options:

Option	Description
View Details	Display the suite name, vendor, version, number of apps, flash usage, and memory requirements.
Delete	Delete the suite.

Viewing Java Version and Available Memory

To view Java version information, or the amount of phone memory available for Java applications:

Find the Feature MENU > **Settings** > **Java Tools** > **Java System**

	Press	To
1		scroll through information as described in the following list
2	**OK** (⌐)	close the display

Option	Displays
CLDC Version	Your phone's connected limited device configuration version.
MIDP Version	Your phone's mobile information device profile version.

Option	Displays
Data Space (both Java and non-Java data space)	Memory available for application data (such as game scores or application settings), and for downloaded graphics, ring tones, all camera photos and MMS messages.
Program Space	Memory available for Java applications.
Heap Size	Amount of runtime memory available for Java applications.

Note: If you do not have enough phone memory to download a Java application, you can free memory space by deleting unused Java applications.

Editing Sounds with MotoMixer

MotoMixer lets you edit and save special MIDI-based sound files called *Groove Tunes* on your phone. These sound files are made up of 4 instruments such as **piano**, **bass**, **drums**, and **guitar**. The phone comes preloaded with base tracks (which you cannot edit or delete), but you can download others and use them all to create or edit your own mix files. The mix files you create display in the list of available alerts.

Note: To download new MotoMixer files, see page 36.

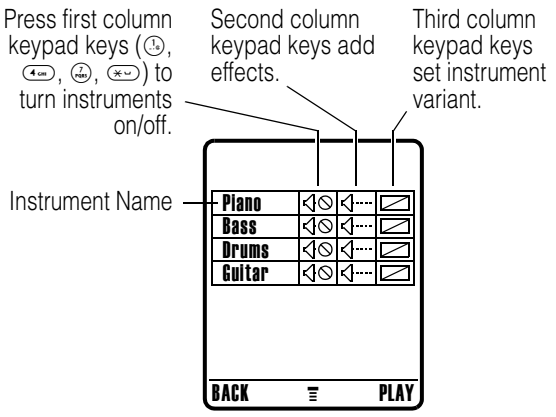
Creating or Editing a Mix File

Find the Feature > **Multimedia** > **MotoMixer** > [**New Mix**] or *mix file name*

	Press	To
1		scroll to the base track
2	**SELECT**	select the base track
3	**CHANGE**	select **Name**
4	keypad keys	enter a name for the mix file you are creating
5	**OK**	store the name
6	**CHANGE**	select **Tempo**
7	left or right	adjust the tempo setting
8	**OK**	store the tempo setting
9	**CHANGE**	select **Mix** to open the mix editor
10	**PLAY**	start playing/mixing the track
11	keypad keys	edit the instruments (see following section) The track plays to the end and stops. To edit your mix, press **PLAY** again.
12	**BACK**	close the base track editor
13	**DONE**	close the mix file display

MotoMixer Editing Controls

You can select which instruments you want to play and when you want to play them. The mix editor shows the current settings for each instrument (see following table for details).



Press **PLAY** () to play the mix file. Turn instruments on or off, add effects, and/or set an instrument variant using the following keypad keys:

Key	Effect
1	Turn on/off **first** instrument (**Piano** above)
2 ABC	Add effect to first instrument
3 DEF	Set variant for first instrument
4 GHI	Turn on/off **second** instrument (**Bass** above)
5 JKL	Add effect to second instrument
6 MNO	Set variant for second instrument
7 PQRS	Turn on/off **third** instrument (**Drums** above)
8 TUV	Add effect to third instrument
9 WXYZ	Set variant for third instrument
*	Turn on/off **fourth** instrument (**Guitar** above)
0+	Add effect to fourth instrument
#	Set variant for fourth instrument

Use the following keys to perform additional mix functions:

Key	Effect
	Open the **Mix Menu** to reset 1 or all instruments
BACK ()	Return to the **Mix Details** display when you are finished mixing

Using, Editing, or Deleting a Mix File

To edit or delete a mix file, or set a mix file as a ring tone:

Find the Feature > **Multimedia** > **MotoMixer**

Press	To
1	scroll to the mix file
2	open the **Mix Menu**

Press		To
3	⊙	scroll to **Edit**, **Delete**, **Play**, or **Set as Ring Tone**
4	**SELECT** (⊂·⊃)	select the option

Creating Ring Tones

You can create and store custom ring tones on your phone. The ring tones display in the list of available alerts.

Creating a Tone

Find the Feature ☰ > **Settings** > **Ring Styles** > **My Tones** > [**New Tone**]

	Press	To
1	**CHANGE** (⊂·⊃)	select **Notes**
2	⊙ up or down **or** keypad keys	enter notes (see following section)
3	**OK** (⊂·⊃)	store the notes
4	**CHANGE** (⊂·⊃)	select **Name**
5	keypad keys	enter the name for the tone
6	**OK** (⊂·⊃)	store the name
7	**DONE** (⊂·⊃)	store the tone

Entering Notes

Press ⊙ up or down to cycle through notes and select the note you want.

Press the keypad keys to set note length, enter rests, and enter or edit note information. If necessary, press a keypad key multiple times to cycle through its available options.

Tip: Press ☰ > **Play All** at any time to play the notes you have entered.

Your phone identifies each note by **octave** (***0** through ***8**), **note** (**a** through **g**, with sharp notes preceded by a **#**), and note **length** (**0** through **5**). For example, a C# quarter note in octave 4 displays as ***4#c2**.

Each note must contain the following information, in the following sequence: **octave**, **note**, **length**, and length **modifier** (optional).

Octave

Enter ***** before a number to identify it as an octave value. Octave information (***0** to ***8**) must come **before** the note. If you do not specify an octave, the note is played as an octave 4 note.

Key	Display	Description
0+	*	enter * followed by a number (**0** to **8**) to set the octave

Note: Octaves **3** through **5** cover the full range of notes currently available on your phone. The notes are duplicated in octaves **0-2** and **6-8**.

Notes and Rests

To make a note sharp or flat, enter the sharp or flat character (**#** or **c**) **before** the note.

You can enter 1 or more rest characters (**r**) in the note sequence. Set rest length the same way you set note length.

Key	Display	Description
0+	#	sharp
	c	flat
2 abc	a	note A
	b	note B
	c	note C
3 def	d	note D
	e	note E
	f	note F
4 ghi	g	note G
7 pqrs	r	rest

Lengths and Modifiers

Set the length (**0** to **5**) **after** a note or rest. If you do not specify a length, a quarter note length (**2**) is appended to the note. If needed, you can enter an optional length modifier (. or : or ;) **after** the length character.

Key	Display	Description
0+	0	whole note
1	1	half note
2 abc	2	quarter note
3 def	3	eighth note
4 ghi	4	sixteenth note
5 jkl	5	1/32 note
1	.	dotted note (1 and 1/2 length note)
	:	double dotted note (1 and 3/4 length note)
	;	2/3 length note

Example

	Action
1	Press ⊙ to scroll up to ***4c**, then wait for the cursor to move to the next position
2	Press ⊙ to scroll down to ***3f** The phone adds a **2** after each note you enter to identify it as a quarter note.
3	Press 7 to enter a rest character (**r**)
4	Press ⊙ to scroll up to ***3a**
5	Press ⊙ to scroll up to ***4c**
6	Press ☰ > **Play All** to play the tone

Playing a Tone

Find the Feature MENU > **Settings** > **Ring Styles** > **My Tones**

	Press	To
1	⊙	scroll to the tone
2	MENU	open the **Tone Menu**
3	⊙	scroll to **Play**
4	**SELECT** (⊂)	select **Play**
5	**PLAY** (⊂)	play the tone again
	or	
	CANCEL (⊃)	return to my tones list

Editing a Tone

You cannot edit the predefined ring tones included with your phone. To edit a ring tone that you created:

Find the Feature MENU > **Settings** > **Ring Styles** > **My Tones**

	Press	To
1	⊙	scroll to the tone
2	**EDIT** (⊂)	open the tone details
3	⊙	scroll to **Notes**
4	**CHANGE** (⊂)	select **Notes**
5	⊙ left or right	move the cursor to the right of the note information you want to edit
6	**DELETE** (⊃)	delete note information
7	⊙ up or down	enter new note information
	or	
	keypad keys	
8	**OK** (⊂)	store new note information
9	**DONE** (⊃)	save your changes

Deleting a Tone

You cannot delete the predefined ring tones included with your phone. To delete a ring tone that you created:

Find the Feature MENU > **Settings** > **Ring Styles** > **My Tones**

	Press	To
1	⊙	scroll to the tone
2	MENU	open the **Tone Menu**
3	⊙	scroll to **Delete**
4	**SELECT** (⊂)	select **Delete**
5	**YES** (⊃)	confirm the deletion

Camera

For instructions on how to take and send photos, see your *Start Here* guide.

To adjust camera settings:

Find the Feature MENU > **Multimedia** > **Pictures** MENU > **Pictures Setup**

The **Pictures Setup** menu can include the following options:

Option	Description
Lighting Conditions	Set to **Automatic**, **Sunny**, **Cloudy**, **Indoor (Home)**, **Indoor (Office)**, or **Night**.
Exposure	Set to **+2**, **+1**, **0**, **-1**, or **-2**.
Resolution	Set the camera to capture photos at the following resolutions: **MMS** (160x120 pixels), **Medium** (320x240 pixels, or **High** (640x480 pixels)
Shutter Tone	Activate a tone that sounds when you take a photo. Can be set to **None**, **Chimp**, **Quack**, **Flix**, **Boing**, or **Click**.
Status Icons	Turn status icons **On** or **Off** in camera viewfinder mode.

SIM Applications

Your SIM card may contain applications that process your outgoing calls, text messages, and other events. Contact your service provider for more information.

Find the Feature MENU > **Tools** > **SIM Apps**

Troubleshooting

Check these questions first if you have problems with your phone. If you need additional help, contact the Motorola Customer Call Center at 1-800-331-6456 (USA) or 1-800-461-4575 (Canada).

Question	Answer
Is your battery charged? Do you see ▭ in the display?	The battery level indicator should have at least 1 segment showing (▯). If it does not, recharge your battery as described in your *Start Here* guide.
Do you have a valid SIM card inserted in your phone?	If necessary, turn off your phone and make sure that you have inserted a valid SIM card as described in your *Start Here* guide.
Does the handset have a signal? Do you see ⁞ in the display?	The signal strength indicator should have at least 1 segment showing (⁞). If it does not, move to an area with a stronger signal to use your phone.
Is the earpiece volume too low?	While on a call, press the upper volume key on the side of your phone.
Is the other party unable to hear you?	Your phone may be muted. Press **UNMUTE** (⌂) if necessary to unmute the phone. Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.
Has the phone been damaged, dropped, or gotten wet?	Dropping your phone, getting it wet, or using a non-Motorola battery or battery charger can damage the phone. The phone's limited warranty does not cover liquid damage or damage caused from using non-Motorola accessories.
Was a non-Motorola battery or battery charger used?	

The following refer to specific problems:

Problem	Solution
My phone was stolen. To whom should I report this?	Report a stolen phone to the police and to your service provider (the company that sends you your monthly wireless service bill).
I forgot my password.	See your *Start Here* guide for information about what to do if you forget a code or password.

Problem	Solution
I pressed the power key, but nothing happened.	Be sure to press and hold ⏻ (power key) until the display appears and you hear an alert. This could take several seconds. If nothing happens, check that a charged battery is installed.
The display says: Insert SIM Card or Check SIM Card even though I have inserted my SIM card in the phone.	The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly as described in your *Start Here* guide.
The display says: SIM Blocked. How do I unblock my SIM card?	Call your service provider (the company that sends you your monthly wireless service bill) to obtain the PIN unblocking key (PUK) code (see page 35).
The display says: Enter Unlock Code. How do I unlock my phone?	Enter the factory-preset unlock code (1234), or the last 4 digits of your phone number. If this fails, call your service provider (the company that sends you your monthly wireless service bill).
My phone asks for an unlock code when I try to open a feature.	The application you want is locked. If you do not know the unlock code, see your *Start Here* guide.
My phone does not ring.	If you see 🔕 or 📳 in the display, then the ringer is turned off. To change the ring style, see your *Start Here* guide. Also, the ringer may be set to **Silent** even though your phone is set to an audible ring style. To set an audible alert, see your *Start Here* guide.
I tried to place a call and heard an alternating high/low tone.	Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display shows the name of your service provider before making a call.

Problem	Solution
I cannot send/receive calls.	Make sure that you have a phone signal (the signal strength indicator should have at least 1 segment showing). Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings. Your phone also may have the **Call Barring** feature turned on. If you know the unlock code, you can change this setting in the security menu (MENU > **Settings** > **Security**). Also, check to be sure your SIM card is installed and working.
My phone has poor reception and drops calls.	Make sure that your antenna is not bent or damaged. Also, make sure you have a phone signal (the signal strength indicator should have at least 1 segment showing). Stay clear of any obstructions such as bridges, parking garages, or tall buildings.
I cannot hear others on my phone.	While on a call, press the upper volume key. Your phone display should show the volume increasing. Also, make sure that your phone's earpiece is not blocked by its carrying case.
I cannot open my text message inbox.	Before you can use text messages, you must set up the message inbox (see your *Start Here* guide).
How do I see the calls I sent or received?	To see the most recent calls you dialed or received: MENU > **Recent Calls** > **Received Calls** or **Dialed Calls**
My phone will not send voicemail commands, passwords, or other codes.	You must send PIN codes and passwords as DTMF tones while on a call. You can set your phone's DTMF tones to be **Long**, **Short**, or **Off**. If you have trouble sending numbers, try changing the DTMF setting. **1** From the home screen, press: MENU > **Settings** > **Initial Setup** > **DTMF** **2** Press NAV to scroll to **Long** or **Short**. **3** Press **SELECT** (OK) to select it.

Problem	Solution
My phone's display is too dark.	Use the **Contrast** feature to change the level of contrast in your display (see your *Start Here* guide). You can also use the **Backlight** feature to change the length of time that the display backlight stays on (see your *Start Here* guide).
My battery didn't last as long as I expected. What can I do to extend battery life?	Your battery's performance is affected by charge time, feature use, temperature changes, backlight use, and other factors. For tips on extending battery life, see your *Start Here* guide.
I am unable to record a voice note, voice name, or voice shortcut	Try moving to a quieter location to make your voice recording. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone of voice.
My TTY device doesn't work with my phone.	Your phone must be set to a TTY mode for the phone to detect your TTY device (see your *Start Here* guide).
I plugged the data cable into my phone but my phone did not beep. How do I know if the data cable is ready to go?	The beep indicates that you are set up correctly. If you did not hear a beep, make sure that both ends of the data cable are connected—the smaller end to your phone and the larger end to your computer. Also, your computer may have deactivated the port to save power. Try opening an application that uses the port, like a fax or dial-up application, to automatically activate the port.
My phone beeped when I attached the data cable, but my data and fax applications do not work.	Some wireless networks may not support data or fax transmission. If you are roaming on an unfamiliar network, this may be the case. Also, remember that data and fax transmission usually requires a subscription. Call your service provider for more information.

Problem	Solution
When sending data with the data cable, why does the computer show a connection rate of 19200 Kbps?	19200 Kbps is the data transfer rate of the connection between your computer and the phone in a standard *Circuit Switch Data* (CSD) connection. The rate of the connection between your phone and the network is displayed on your phone, and will be either 14400 or 9600 Kbps. **Note:** A GPRS connection may have a higher data transfer rate.
I can't end my data call by closing the application on my computer. What can I do?	Try pressing on your phone. Also try disconnecting the cable or turning off the phone. If possible, always close the connection through your computer. These alternative methods may disrupt the application on your computer.
I launched the micro-browser but the display says: Network Not Available.	You may be in an area without service, or you may be connected to a network that does not support Internet access.
I launched the micro-browser but the display says: Server Not Responding.	Try again in a few minutes. The servers may be temporarily busy.

Index

A

accessories 22, 25, 26, 32
AIM 10
alarm clock 31
alert
  creating 41
  downloading 8, 36
  setting 18, 36
animation
  downloading 8, 36
  managing 38
  screen saver 36, 38
  wallpaper 36, 38
AOL Instant Messenger. *See* AIM
application, locking and unlocking 35
appointments. *See* datebook

B

barring calls 21
battery meter 29
browser messages 8
browser. *See* micro-browser
Buddy List. *See* AIM

C

calculator 33
calendar. *See* datebook
call
  alert, setting 18
  barring 21
  calling card 13
  conference call 21
  costs 23, 24
  forwarding 21
  speakerphone 25
  timing 23, 24
call cost information 23, 24
call timers 23
caller ID 12, 14, 38
calling card call 13
camera 42
car kit 25
clock
  selecting analog or digital 18
computer
  connecting to phone 26
  synchronizing data 17, 27, 31
conference call 21
credit information 23, 24
currency converter 34
customizing the menu 19

D

data call
  making 26
  timers 24
  volume meters 24
datebook
  alarm clock 31
  reminders 30, 31
  synchronizing 27, 31
  using 30
dialing
  fixed numbers 22
  quick dial numbers 22
  service numbers 22
display
  greeting 18
  language 19
  menu icons, showing or hiding 19
  personalizing 19
drafts folder 5, 7
DTMF tones
  activating 22, 44
  defined 22
  sending 23

E

email address, storing in phonebook 12
event alert 18
exchange rate, calculating 34
external device
  connecting to phone 26
  synchronizing data 17, 27, 31

F

fax call 26
fixed dial 22
forwarding calls 21

G

games 38
GPRS indicator 36
greeting 18
groove tunes 40

H

handsfree use 25
headset accessory, using 25
home keys, personalizing 19
home screen
  menu icons, showing or hiding 19
  selecting clock view 18
  setting display text 18

I

incoming call
  forwarding 21
indicators
  GPRS 36
  message waiting 7, 8, 9
  phonebook number type 12
  voice name 12
information services 8
information services message
  reminders, receiving 9
instant messenger. *See* AIM

J

Java applications 38, 40

K

key
  left soft key 19
  right soft key 19
  voice 32
keypad volume, setting 18

L

language, setting 19
lock
  SIM card 35
lock application 35

M

mailing list, creating 13
master clear 19
master reset 19
memory available 40
Memory is Full! message 7, 9
menu
  icons, changing in home screen 19
  icons, converting to text 19
  icons, showing or hiding 19
  language, setting 19
  personalizing 19
  scroll 19
  view, changing 19
  wrap around 19
message
  animation 8
  browser messages 8
  deleting 7
  draft 5, 7
  inbox setup 5
  information services 8
  locking 7
  MMS, defined 5
  outbox 7

picture 8
quick note 5
quick view 10
reading 7
receiving 7
reminders 7, 18
ring tone 8
sending 5
status 7
message waiting indicator 7, 8, 9
micro-browser
animation 36
background sessions 37
browser messages 8
browser setup 36
Java applications 38, 40
picture 36
ring tone 36
using 36
Web sessions 36
MMS. *See* message
MotoMixer 40
multimedia messaging service. *See* message
my telephone number 3
my tones 41

N

network settings 28
New IM message 11
number
storing in phonebook 12
viewing your number 3

O

1-touch dial, setting preference 17
outbox 7

P

pause character 13
phone
alert, setting 18
clear stored information 19
connecting to external device 26
credit information 23, 24
feature specifications 29
language, setting 19
network settings 28
reset all options 19
specifications 29
phone number
long numbers, storing 14
storing in phonebook 12
viewing your number 3
phone theme 37
phonebook
capacity, checking 16
category views 15
copying entries 16
creating an entry 12
deleting an entry 14
dialing a number 14
editing an entry 14
email address, storing 12
entry category 12
entry details 12
list view, setting 14
long numbers 14
mailing list 13
number type indicator 12
number, storing 12
picture caller ID 12, 14, 38
primary number, setting 15
ringer ID 12, 15, 18
sorting entries 14
speed dial number 12, 13
synchronizing 17, 27
voice name, recording 13
photo
downloading 8, 36
managing 38
picture caller ID 12, 14, 38
screen saver 38
sending 6
wallpaper 38
picture
downloading 8, 36
managing 38
screen saver 36, 38
sending 6
wallpaper 36, 38
picture caller ID 12, 14, 38
picture message
draft 7
receiving 7
sending 6, 7
PIN code
defined 35
entering 35
storing with phonebook entry 13
unblocking 35
PIN2 code
entering 22
unblocking 35
PUK code 35
PUK2 code 35

Q

quick dial 22
quick note 5
quick view message 10

R

reminders
datebook 30, 31
defined 18
information services message 9
text message 7
turning on/off 18
ring alert
creating 41
setting 18, 36
ring style, personalizing 18
ring tone
creating 41
downloading 8, 36
editing with MotoMixer 40
sending 6
setting as event alert 36
ringer ID
setting 12, 15
turning on/off 18
ringer volume, setting 18

S

screen saver 36, 38
scroll, menu 19
service dial 22
short message service. *See* message
shortcuts 19
standard 3
SIM applications 42
SIM Blocked message 35
SIM card
applications 42
locking 35
service phone numbers 22
SIM Blocked message 35
SIM Disabled message 35
unblocking 35
SIM Disabled message 35
SIM PIN code
defined 35
entering 35
unblocking 35
SIM PIN2 code
entering 22
unblocking 35
SMS. *See* message
sound
downloading 8, 36
sending 6
speakerphone
activating 25
automatic answer 26
speed dial
number, setting 12, 13
sorting phonebook entries 14
Start Here guide 1
synchronizing data 17, 27, 31

T

telephone number
  storing in phonebook 12
  viewing your number 3
theme 37
timers 23, 24
TTY device 22

U

unblocking the SIM card 35
unlock application 35
user's guide 1

V

vibrate alert, setting 18
voice dial
  dialing a number 14
  dialing from headset 26
  recording voice name 13
voice key
  dialing a number 14
  recording voice name 13
  recording your voice 32
voice name
  dialing 14
  indicator 12
  recording 13
voice record
  playing 32
  recording 32
voice shortcut 20
volume
  keypad 18
  ringer 18

W

wait character 13
wallpaper 36, 38
Web pages 36
Web sessions 36

U.S. patent Re. 34,976

motorola.com

8988485L64-O